

2SSO10138	Active	716374 Tony Pullin	Certified
2SSO10138	Active	731850 david Partida	Certified
2SSO10138	Active	737110 DavidPartida	Certified
2SSO10138	Active	748515 pmcgowan	Certified
2SSO10138	Active	748923 Tony Pullin	Certified
2SSO10138	Active	749212 nelson sandoval	Certified
2SSO10138	Active	756275 nelson sandoval	Certified
2SSO10138	Active	756795 nelson sandoval	Certified
2SSO10138	Active	760434 David Partida	Certified
2SSO10138	Active	772989 David Partida	Certified
2SSO10138	Active	786807 john j. szabo	Certified
2SSO10138	Active	789296 tim costello	Certified
2SSO10138	Active	789570 nelson sandoval	Certified
2SSO10138	Active	791731 David Partida	Certified
2SSO10138	Active	791764 nelson sandoval	Certified
2SSO10138	Active	792290 David Partida	Certified
2SSO10138	Active	797045 nelson	Certified
2SSO10138	Active	800431 David Partida	Certified
2SSO10139	Active	650752 Tony Pullin	Certified
2SSO10139	Active	650756 Tony Pullin	Certified
2SSO10139	Active	715186 Tony Pullin	Certified
2SSO10139	Active	715187 Tony Pullin	Certified
2SSO10139	Active	715592 Tony Pullin	Certified
2SSO10139	Active	716220 Tony Pullin	Certified
2SSO10139	Active	716995 Tony Pullin	Certified
2SSO10139	Active	718501 Tony Pullin	Certified
2SSO10139	Active	728739 Tony Pullin	Certified
2SSO10139	Active	728740 Tony Pullin	Certified
2SSO10139	Active	731858 nelson sandoval	Certified
2SSO10139	Active	736599 Nelson Sandoval	Certified
2SSO10139	Active	738356 nelson	Certified
2SSO10139	Active	742211 nelson	Certified
2SSO10139	Active	743162 nelson	Certified
2SSO10139	Active	745372 nelson	Certified
2SSO10139	Active	746099 nelson	Certified
2SSO10139	Active	746643 nelson	Certified
2SSO10139	Active	747441 nelson	Certified
2SSO10139	Active	747866 nelson	Certified
2SSO10139	Active	748016 David Partida	Certified
2SSO10139	Active	748410 DavidPartida	Certified
2SSO10139	Active	749125 Pat McGowan	Certified
2SSO10139	Active	751008 Tony Pullin	Certified
2SSO10139	Active	755991 David Partida	Certified
2SSO10139	Active	756274 nelson sandoval	Certified
2SSO10139	Active	759999 nelson sandoval	Certified
2SSO10139	Active	760368 David Partida	Certified
2SSO10139	Active	761335 nelson sandoval	Certified
2SSO10139	Active	766170 nelson sandoval	Certified
2SSO10139	Active	766171 nelson sandoval	Certified
2SSO10139	Active	766857 David Partida	Certified
2SSO10139	Active	770038 nelson sandoval	Certified
2SSO10139	Active	771701 nelson sandoval	Certified
2SSO10139	Active	772135 nelson sandoval	Certified
2SSO10139	Active	773019 john j. szabo	Certified
2SSO10139	Active	774252 Nelson Sandoval	Certified

Supervisor
Collection Worker
collection worker
collections
Technical Services Supervisor
collection
collection s
collections
Collection Worker
Collection Maintenance Worker
collections III
operator
collections
Collection Worker
collections
Collection Worker
collections
Collection Worker
Technical Services Supervisor
Technical Services Supervisor
Supervisor
Technical Services Supervisor
Technical Services Supervisor
Technical Services Supervisor
Technical Services Supervisor
Technical Services Supervisor
Supervisor
Technical Services Supervisor
collection
Collections Worker
collections
collections
collections
collections
collections
collections
collections
collections
Collection maintenance 2
Maintenance
Lead Collectins Worker
Technical Services Supervisor
Collection Worker
collections
collections
Collection worker
collections
collections
collections
Collection Worker
collections
collection
collection
collection worker III
Collections Worker

	20:40	158152
SAM		421185
4:30pm		651877
sam		571774
	17:48	741031
sam		616914
sam		243387
sam		214020
14:40 SAM		403394
SAM 14:15		745114
	743	621062
	150	526336
sam @8:29am 01/02/13		961920
SAM 11:52		654127
sam @8:48 am		899937
SAM 14:16		860533
sam@1:40 pm		588348
SAM 10:33		658105
Sewer Authority Mid-Coastside		521643
Sewer Authority Mid-Coastside		758797
	10:00	965399
	16:08	237337
	16:26	435190
	13:46	738728
	15:10	542543
	13:54	940148
	19:20	168405
	17:50	245792
sam		202939
	10:15	252637
	12/8/2009	353349
	12/8/2009	877667
	12/8/2009	358453
	12/8/2009	289320
	12/8/2009	331726
12/o8/2009		556770
1115p		274368
sam		720982
1:24pm		701771
10:00am		334432
	14:07	533145
	8:05	827167
	13:22	203015
sam		938050
sam		329878
16:50 SAM		460162
sam		899292
sam		910376
sam		521123
SAM 14:02		230475
sam		108296
sam		377556
sam		801047
sewer authority mid coastside		679154
	11:30 AM	616486

22-Apr-08		21-Mar-08	3/21/2008
14-Jan-09		14-Jan-09	1/14/2009
5-May-09		8-Dec-09	12/8/2009
21-Jan-10		21-Jan-10	1/21/2010
28-Jan-10		28-Jan-10	1/28/2010
9-Feb-10		9-Feb-10	2/9/2010
23-Aug-10	8/23/2010	23-Aug-10	8/23/2010
15-Sep-10	9/15/2010	15-Sep-10	9/15/2010
7-Jan-11	1/7/2011	7-Jan-11	1/7/2011
10-Nov-11	11/10/2011	10-Nov-11	11/10/2011
1-Oct-12	10/1/2012	1-Oct-12	10/2/2012
24-Dec-12	12/24/2012	24-Dec-12	12/24/2012
2-Jan-13	1/2/2013	2-Jan-13	1/2/2013
15-Feb-13	2/15/2013	15-Feb-13	2/15/2013
19-Feb-13	2/19/2013	19-Feb-13	2/19/2013
1-Mar-13	3/1/2013	1-Mar-13	3/1/2013
19-Jul-13	7/19/2013	19-Jul-13	7/19/2013
31-Oct-13	10/31/2013	31-Oct-13	10/31/2013
21-May-07		21-May-07	5/21/2007
21-May-07		21-May-07	5/21/2007
23-Mar-08		28-Mar-08	3/28/2008
23-Mar-08		4-Apr-08	4/4/2008
31-Mar-08		31-Mar-08	3/31/2008
16-Apr-08		16-Apr-08	4/16/2008
6-May-08		19-May-08	5/19/2008
30-May-08		30-May-08	5/30/2008
30-Oct-08		29-Oct-08	10/29/2008
30-Oct-08		30-Oct-08	10/30/2008
14-Jan-09		14-Jan-09	1/14/2009
21-Apr-09		21-Apr-09	4/21/2009
2-Jun-09		8-Dec-09	12/8/2009
31-Jul-09		8-Dec-09	12/8/2009
17-Aug-09		8-Dec-09	12/8/2009
5-Oct-09		8-Dec-09	12/8/2009
26-Oct-09		8-Dec-09	12/8/2009
9-Nov-09		8-Dec-09	12/8/2009
10-Dec-09		10-Dec-09	12/10/2009
23-Dec-09		23-Dec-09	12/23/2009
30-Dec-09		30-Dec-09	12/30/2009
19-Jan-10		19-Jan-10	1/19/2010
4-Feb-10		4-Feb-10	2/4/2010
26-Mar-10		26-Mar-10	3/26/2010
12-Aug-10	8/12/2010	12-Aug-10	8/12/2010
23-Aug-10	8/23/2010	23-Aug-10	8/23/2010
30-Dec-10	12/30/2010	30-Dec-10	12/30/2010
6-Jan-11	1/6/2011	6-Jan-11	1/6/2011
16-Jan-11	1/16/2011	16-Jan-11	1/16/2011
4-May-11	5/4/2011	4-May-11	5/4/2011
4-May-11	5/4/2011	4-May-11	7/20/2011
24-May-11	5/24/2011	24-May-11	5/24/2011
20-Aug-11	8/22/2011	22-Aug-11	8/22/2011
4-Oct-11	10/4/2011	4-Oct-11	10/4/2011
18-Oct-11	10/18/2011	18-Oct-11	10/18/2011
14-Nov-11	11/14/2011	14-Nov-11	11/14/2011
17-Dec-11	12/17/2011	17-Dec-11	12/17/2011

Category 3		250	200
Category 3		10	0
Category 3		200	200
Category 3		500	500
Category 1		1000	700
Category 3		5	5
Category 3		75	0
Category 3		5	5
Category 3		5	5
Category 3		40	20
Category 3		5	5
Category 1		1125	0
Category 3		1	0
Category 3		25	25
Category 3		150	50
Category 3		25	0
Category 3		50	0
Category 3	400	400	350
Category 3		650	0
Category 3		50	0
Category 1		121	60
Category 1		2000	1990
Category 3		2	0
Category 3		10	10
Category 2		2000	300
Category 3		5	5
Category 3		800	0
Category 3		100	100
Category 3		5	0
Category 3		25	25
Category 3		20	20
Category 1		3675	200
Category 3		5	5
Category 3		5	5
Category 3		5	0
Category 3		100	0
Category 3		50	50
Category 3		80	50
Category 3		1	0
Category 3		50	50
Category 3		5	5
Category 1		175	150
Category 3		5	0
Category 3		10	10
Category 3		200	200
Category 1		500	0
Category 3		5	5
Category 3		500	400
Category 3		20	10
Category 3		25	0
Category 1		329	329
Category 3		25	25
Category 3		15	0
Category 2		3000	300
Category 3		625	0

0 No	No
0 No	No
0 No	No
0 No	No
300 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
1125 Yes	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
No	No
No	No
61 Yes	Yes
10 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
3475 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
25 Yes	Yes
0 No	No
0 No	No
0 No	No
500 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	No
1 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	No

Pullman & Washington Ave
212 Dolores
315 columbus
corner of Isabella & Elgranda Blvd
431 The Alameda
173 Del Monte Road
523 el granada blvd
263 Yale Avenue
557 Isabella ave
838 Ferdinand ave
260 balboa ave., el granada, ca. 94019
West Point and Stanford Ave.
columbus
Corner of Columbus st and Portola Ave
35 valencia st
523 Balboa ave
san pablo lift station in el granada
San Pablo Ave
542 Metzgar Street
533 Grove Street
Ocean and Valdez
Main Street at Hwy 92
407 Casa Del Mar
542 Metzgar
623 Grove Street
750 3rd Avenue
641 Highland Avenue
11th hole, HMB Golf Links
16 hole on golf course
411 bayhill road
Lutheran Church
Ocean Colony LS
253 myrtle st
413 Granelli
turnberry
pilarcitos ave
golf course hole #16 half moon bay
golf course #16 half moon bay
Golf Course between 15th and 16th hole
Golf course 16th hole
111 main st
196 Main Street
751 First Ave
217 miramontes ave
444 oak avenue
401 Greenbrier rd
casa de mar
416 grove
600 grove st
Corner of Stone pine rd and Main st
901 alsace lorraine
307 church st
170 correas
Oak st
bayhill road

37.49003	-122.45211 San Mateo
37.50859	122.46933 San Mateo
37.50624	-122.47596 San Mateo
37.50658	-122.46573 San Mateo
37.50476	-122.4713 San Mateo
37.3054	-122.28006 San Mateo
37.30696	-122.27896 San Mateo
37.30311	-122.29392 San Mateo
37.50658	-122.46645 San Mateo
37.5091	-122.47312 San Mateo
37.30322	-122.2839 San Mateo
37.50338	-122.49463 San Mateo
37.30455	-122.28371 San Mateo
37.30486	-122.28122 San Mateo
37.29631	-122.27344 San Mateo
37.30427	-122.28485 San Mateo
37.29405	-122.27332 San Mateo
37.49029	-122.45539 San Mateo
37.45861	122.43305 San Mateo
37.458057	122.433334 San Mateo
37.46467	-122.44177 San Mateo
37.46729	122.42954 San Mateo
37.47695	122.44465 San Mateo
37.45549	122.43352 San Mateo
37.45565	122.43151 San Mateo
37.45864	122.43535 San Mateo
37.47468	-122.43065 San Mateo
37.43816	122.43498 San Mateo
37.43746	122.43678 San Mateo
37.43878	-122.43196 San Mateo
37.474887	-122.43986 San Mateo
37.435014	-122.442616 San Mateo
37.459	-122.43983 San Mateo
37.46009	-122.43691 San Mateo
37.26247	-122.26206 San Mateo
37.2813	-122.26175 San Mateo
37.43682	-122.43682 San Mateo
37.43767	-122.43682 San Mateo
37.43767	-122.43682 San Mateo
37.43769	-122.43682 San Mateo
37.510278	-122.508056 San Mateo
37.28095	-122.25845 San Mateo
37.45823	-122.43951 San Mateo
37.27825	-122.26474 San Mateo
37.46822	-122.43629 San Mateo
37.43539	-122.43513 San Mateo
37.43599	-122.43599 San Mateo
37.45432	-122.43654 San Mateo
37.4549	-122.43205 San Mateo
37.46673	-122.4291 San Mateo
37.2754	-122.26384 San Mateo
37.27958	-122.25848 San Mateo
37.27776	-122.26564 San Mateo
37.28092	-122.26175 San Mateo
37.46878	-122.432 San Mateo

[illegible]

Easement

Main line where blockage occurred has been added to the hot spot list
Mainline lamphole behind house

the toilet inside the house had backed up
Spillage out of upstream G07154 from root intrusion in mainline. Used eyeball method to determine 25 gallons of sso, asv
manhole on valencia st overflowed g17067 to g17066
Clean out closest to the house
spill at lift station caused by broken pipe leakage coming out by where the shut off valve are
Residential street

plug in main line

Located within the Half Moon Bay Golf Links
located within the golf course

Parking lot of 7-11 store from lateral cleanout

Total of 500 gallons of sewage that spilled into storm drain was a result of two manholes overflowing. #'s H25025 and H25044

Esatside hwy 1 manhole overflow...(Update as of 07/20/11).... returned later that evening on a call out for clean up in the

spill came from man hole in the middle of the street
lamp pole overflowed at the end of the street causing sewage to spill onto his front dirt yard this is a new build home so

in front of the home on 411 bay hill road they have a manhole near driveway MH H25044 - H25045

well compared to san diego charts. Coul

1

25024, (blockage was at #H25024)

back yard of 600 grove st, recovered al

he doesnt have a cement walkway it wc

Manhole
Other sewer system structure
Other sewer system structure
Manhole
Other sewer system structure
Manhole
Manhole
Building or structure
Gravity sewer;Manhole
Manhole
Manhole
Gravity sewer
Building or structure
Gravity sewer;Manhole
Manhole
Gravity sewer
Other (specify)
Gravity Mainline
Other (specify)
Building or structure
Manhole
Manhole
Manhole
Other sewer system structure
Other sewer system structure
Manhole
Manhole
Manhole
Force main or pressure sewer
Other sewer system structure
Other sewer system structure
Manhole
Other sewer system structure
Other sewer system structure
Other sewer system structure
Manhole
Force main or pressure sewer
Force main or pressure sewer
Other sewer system structure
Force main or pressure sewer
Other (specify)
Gravity sewer;Other sewer system structure
Other (specify)
Manhole
Manhole
Gravity sewer;Manhole
Building or structure
Building or structure
Gravity sewer;Manhole;Other sewer system structure
Gravity sewer;Manhole
Manhole
Manhole
Manhole
Manhole
Manhole

main line was plugged so it was coming out of lateral clean out
Toilet bubble up

(Lampole)

spill happend at clean out but was a result of being lowest point area. Main line blockage. Used eyeball method to determ
at lift station

Spill appearance was out of a residential clean out as a result of a main line blockage caused by roots.

Lateral Sewer Cleanout

from clean out

Air release valve

Air release valve

Lateral Sewer Cleanout

Property lateral line clean out

Sewer stoppage caused water to come out of the lamppole in the street

Other paved surface
Unpaved surface
Unpaved surface
Other paved surface
Beach
Unpaved surface
Unpaved surface
Building or structure
Other paved surface
Unpaved surface
Street/curb and gutter
Beach
Building or structure
Street/curb and gutter
Unpaved surface
Unpaved surface
Unpaved surface
Paved Surface;Street/Curb and Gutter;Unpaved surface
Unpaved surface
Building or structure
Separate storm drain
Other paved surface;Storm drain;Street/curb and gutter;Unpaved surface
Unpaved surface
Unpaved surface
Other paved surface;Unpaved surface
Unpaved surface
Unpaved surface
Other paved surface;Unpaved surface
Other paved surface;Unpaved surface
Unpaved surface
Unpaved surface
Beach;Surface water
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Other paved surface
Other paved surface
Other paved surface
Other paved surface;Unpaved surface
Other paved surface
Storm drain
Unpaved surface
Street/curb and gutter
Unpaved surface
Beach;Separate storm drain;Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Other paved surface
Separate storm drain;Street/curb and gutter
Unpaved surface
Other paved surface
Unpaved surface
Separate storm drain

blew out toilet in the home .

grass & dirt

the toilet inside the house had backed up spilling sewage on the floor upon arrival the blockage had broken on its own. Broke plug before it reached storm drain. Wash down and vacuum area where spill occurred.

spill was onto ground (dirt) area in the back yard. Both bathtub and toilet had signs of back up as well, laundry room had s

Ground (dirt,grass)

the manhole was barely overflowing upon arrival , we broke the plug and restored the flow . the spill was only a wet spill into storm drain about 75 feet away from the house

3/21/2008 19:55	3/21/2008 19:55	3/21/2008 20:35	3/21/2008 20:40
1/12/2009 8:32	1/12/2009 8:32	1/12/2009 9:00	1/12/2009 9:31
4/20/2009 9:30	4/20/2009 9:30	4/20/2009 9:30	4/20/2009 9:36
1/19/2010 3:19	1/19/2010 3:19	1/19/2010 3:30	1/19/2010 3:40
1/28/2010 10:00	1/28/2010 10:00	1/28/2010 10:05	1/28/2010 10:15
2/8/2010 10:07	2/8/2010 10:10	2/8/2010 10:20	2/8/2010 10:30
8/22/2010 7:30	8/22/2010 7:30	8/22/2010 8:05	8/22/2010 8:15
9/9/2010 4:00	9/9/2010 4:00	9/9/2010 4:00	9/9/2010 4:05
1/7/2011 9:15	1/7/2011 9:15	1/7/2011 9:30	1/7/2011 9:35
11/10/2011 9:20	11/10/2011 9:20	11/10/2011 9:35	11/10/2011 10:00
9/27/2012 17:45	9/27/2012 17:45	9/27/2012 18:10	9/27/2012 18:10
12/23/2012 22:15	12/23/2012 20:30	12/23/2012 20:30	12/23/2012 23:00
11/19/2012 17:00	11/19/2012 17:00	11/19/2012 17:30	11/19/2012 17:30
2/14/2013 14:15	2/14/2013 14:20	2/14/2013 14:23	2/14/2013 14:25
2/16/2013 17:30	2/16/2013 17:35	2/16/2013 18:20	2/16/2013 20:00
3/1/2013 10:33	3/1/2013 11:33	3/1/2013 11:42	3/1/2013 11:47
7/16/2013 8:55	7/16/2013 8:57	7/16/2013 9:10	7/16/2013 9:30
10/19/2013 21:30	10/19/2013 21:58	10/19/2013 22:30	10/19/2013 22:50
5/19/2007 13:00	5/19/2007 13:00	5/19/2007 13:20	5/19/2007 13:35
5/19/2007 13:00	5/19/2007 16:30	5/19/2007 17:00	5/19/2007 13:35
3/23/2008 9:00	3/23/2008 9:00	3/23/2008 9:45	3/23/2008 9:45
3/23/2008 11:06	3/23/2008 11:06	3/23/2008 11:30	3/23/2008 11:45
2/23/2008 16:30	2/23/2008 16:30	2/23/2008 16:45	2/23/2008 16:55
4/4/2008 8:41	4/4/2008 8:41	4/4/2008 9:00	4/4/2008 9:15
5/4/2008 7:40	5/4/2008 7:40	5/4/2008 8:20	5/4/2008 9:25
5/22/2008 9:12	5/22/2008 9:12	5/22/2008 9:45	5/22/2008 9:45
10/29/2008 18:10	10/29/2008 18:10	10/29/2008 18:30	10/29/2008 19:10
10/9/2008 8:10	10/9/2008 8:10	10/9/2008 8:40	10/9/2008 9:15
12/18/2008 10:19	12/18/2008 10:19	12/18/2008 10:30	12/18/2008 10:45
4/8/2009 9:46	4/8/2009 9:46	4/8/2009 10:00	4/8/2009 10:15
5/9/2009 10:48	5/9/2009 10:48	5/9/2009 11:10	5/9/2009 11:20
7/30/2009 11:04	7/30/2009 11:04	7/30/2009 11:15	7/30/2009 11:30
8/8/2009 5:17	8/8/2009 5:17	8/8/2009 5:37	8/8/2009 5:37
9/19/2009 4:45	9/19/2009 4:45	9/19/2009 5:15	9/19/2009 5:15
10/19/2009 9:56	10/19/2009 9:56	10/19/2009 10:15	10/19/2009 10:45
11/7/2009 11:30	11/7/2009 11:30	11/7/2009 11:45	11/7/2009 11:55
12/10/2009 9:35	12/10/2009 9:35	12/10/2009 9:45	12/10/2009 10:30
12/23/2009 9:40	12/23/2009 9:40	12/23/2009 9:50	12/23/2009 10:11
11/13/2009 13:30	11/13/2009 13:30	11/13/2009 13:50	11/13/2009 14:00
1/15/2010 10:06	1/15/2010 10:06	1/15/2010 10:30	1/15/2010 10:45
2/4/2010 8:58	2/4/2010 8:58	2/4/2010 9:20	2/4/2010 9:25
3/23/2010 9:18	3/23/2010 9:18	3/23/2010 9:18	3/23/2010 10:03
8/11/2010 10:26	8/11/2010 10:26	8/11/2010 11:00	8/11/2010 11:00
8/20/2010 10:33	8/20/2010 10:33	8/20/2010 10:45	8/20/2010 10:52
12/29/2010 9:04	12/29/2010 9:04	12/29/2010 9:30	12/29/2010 9:40
1/5/2011 21:00	1/5/2011 21:00	1/5/2011 21:30	1/5/2011 21:45
1/15/2011 4:47	1/15/2011 4:47	1/15/2011 5:35	1/15/2011 5:40
5/3/2011 8:41	5/3/2011 8:41	5/3/2011 9:00	5/3/2011 11:00
5/2/2011 10:30	5/2/2011 10:30	5/2/2011 10:45	5/2/2011 11:00
5/22/2011 10:18	5/22/2011 10:18	5/22/2011 10:45	5/22/2011 10:55
8/20/2011 10:00	8/20/2011 10:00	8/20/2011 10:35	8/20/2011 10:35
10/2/2011 10:20	10/2/2011 10:20	10/2/2011 11:00	10/2/2011 11:10
10/16/2011 10:45	10/16/2011 10:45	10/16/2011 11:15	10/16/2011 11:20
11/13/2011 13:15	11/13/2011 13:15	11/13/2011 14:15	11/13/2011 14:30
12/17/2011 9:30	12/17/2011 9:30	12/17/2011 10:10	12/17/2011 10:20

Grease deposition (FOG)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Debri-Rags
Other (specify below)
Root intrusion
Root intrusion
Other (specify below)
Pipe structural problem/failure
Root intrusion
Root intrusion
Root intrusion
Debri-Rags
Pipe structural problem/failure
Root Intrusion
Grease deposition (FOG)
Grease deposition (FOG)
Debri-General
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Root intrusion
Root intrusion
Pipe structural problem/failure
Debri-General
Pipe structural problem/failure
Pump station failure
Root intrusion
Root intrusion
Pipe structural problem/failure
Grease deposition (FOG)
Other (specify below)
Other (specify below)
Other (specify below)
Pipe structural problem/failure
Debri-General
Debri-General
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Root intrusion
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Debri-Rags
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Debri-Rags

while we were flushing in the area we blew out a home owners toilet this was on a route flushing schedule .

roots coming in from pipe joint

There was no evidence of an actual SSO,no paper or debris in manhole or on street etc. Only moisture around manhole :

Air release valve held partially open by small piece of debris

problem in air release valve in force main

Force Main Air Relief Valve leaked

Air release valve leaked, will be repaired soon.

Grease build up

Grease along with rags and debris

the plug was caused by grease built up broke plug and restored flow

Main

Main

Main

Main

Main

Main

Main

Other (specify below)

Main

Upper Lateral

Main

Main

Main

Main

Gravity Mainline

Main

Main

Main

Main

Main

Other (specify below)

Main

Other (specify below)

Other (specify below)

Main

Lower Lateral

Main

Main

Main

Lower Lateral

Main

Main

Main

Main

Main

Main

Main

Main

we flushed lines around and downstream of SSO and found nothing that would have caused a spill. reporting SSO to

life station valve was leaking

problem occurred in air release valve in force main
failure in force main air release valve

6 VCP

be safe

No

6 vcp
6 VCP

Home owner gave SAM staff about 15 seconds to view then ordered them out of the house. Staff obtained information fr

this call out was turned over to our insurance rep due to the homeowner claiming that the house was unlivable and 1

lift station was shut down and rerouted

Area was dry. No cleanup needed.

We vaccumed and pumped out the storm drain catch basin of water that we thought might have been contaminated with

1/28/2010 11:45

12/24/2012 0:00

3/23/2008 10:00

3/23/2008 13:30

5/4/2008 0:00

7/30/2009 15:00

3/23/2010 10:23

1/5/2011 23:00

8/20/2011 12:00

11/13/2011 16:45

Other (specify below)

Repaired sewer

Adjusted schedule/method of preventive maintenance
Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program

Other (specify below)

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

To be determined after investigation

Secondary control system approved and is in planning stage

Yes

Yes

Yes
No

Yes

Yes

Yes

Yes

No

No

Yes

No

No
No

No

Yes

No

No

No

No

Surfer's Beach

NA
NA

NA

Unk. Beach adjacent to Ritz Carlton Hotel

NA

n/a

not the beach but a small pond at the golf course not sure yet until we look into it some more

Pacific Ocean

none

NONE

Pacific ocean / Princeton Harbor

Ditch

NA

NA

Golf Course Pond

Pilarcitos Creek

pacific ocean

storm drain system

none

Biological indicator(s) - specify below

Not applicable to this spill

No water quality samples taken
No water quality samples taken

No water quality samples taken

Biological indicator(s) - specify below

No water quality samples taken

Biological indicator(s) - specify below

Not applicable to this spill

No water quality samples taken

Total Coliform

Total Coliform

Amonia

None of the above

Not applicable to this spill

No water quality samples taken
No water quality samples taken

No water quality samples taken

None of the above

None of the above

None of the above

Not applicable to this spill

None of the above

San Diego Charts.....5GPM at 80 minutes= 400 Gallons total. 50 gallons soaked into ground.

90292	1/14/2009 7:30
100753	1/28/2010 11:45
127868	12/23/2012 23:55
82216	3/23/2008 10:50
82263	3/23/2008 12:55
83239	5/4/2008 10:50
88994	12/18/2008 11:30
95349	7/30/2009 12:50
101954	3/23/2010 10:30
110085	1/5/2011 23:34
114957	8/20/2011 12:09
116756	11/13/2011 16:30
117445	12/17/2011 11:25

David partida/Collection Worker

6507260124

2SSO10139	Active	775005 David Partida	Certified
2SSO10139	Active	775914 nelson	Certified
2SSO10139	Active	776850 David Partida	Certified
2SSO10139	Active	777065 David Partida	Certified
2SSO10139	Active	781589 David Partida	Certified
2SSO10139	Active	782248 nelson sandoval	Certified
2SSO10139	Active	789048 nelson sandoval	Certified
2SSO10139	Active	789292 David Partida	Certified
2SSO10140	Active	708258 mike higares	Certified
2SSO10140	Active	708313 Al Swithenbank	Certified
2SSO10140	Active	708685 Stacy Swithenbank	Certified
2SSO10140	Active	712541 Stacy Swithenbank	Certified
2SSO10140	Active	712673 Stacy Swithenbank	Certified
2SSO10140	Active	721177 stacy swithenbank	Certified
2SSO10140	Active	726180 mike higares	Certified
2SSO10140	Active	726182 mike higares	Certified
2SSO10140	Active	726275 mike higares	Certified
2SSO10140	Active	726873 mike higares	Certified
2SSO10140	Active	728119 mike.higares	Certified
2SSO10140	Active	731990 mike higares	Certified
2SSO10140	Active	738685 mike higares	Certified
2SSO10140	Active	738825 mike.higares	Certified
2SSO10140	Active	739041 mike higares	Certified
2SSO10140	Active	745679 mike higares	Certified
2SSO10140	Active	748026 mike higares	Certified
2SSO10140	Active	748744 mike.higares	Certified
2SSO10140	Active	748902 mike higares	Certified
2SSO10140	Active	750999 mike higares	Certified
2SSO10140	Active	753394 Al Swithenbank	Certified
2SSO10140	Active	765108 mike higares	Certified
2SSO10140	Active	767607 Robert Gerena	Certified
2SSO10140	Active	767987 Robert Gerena	Certified
2SSO10140	Active	771918 Joe Delacruz	Certified
2SSO10140	Active	773494 Robert Gerena	Certified
2SSO10140	Active	773555 Robert Gerena	Certified
2SSO10140	Active	776239 Robert Gerena	Certified
2SSO10140	Active	776790 Robert Gerena	Certified
2SSO10140	Active	778288 Robert Gerena	Certified
2SSO10140	Active	781662 Robert Gerena	Certified
2SSO10140	Active	787801 Robert Gerena	Certified
2SSO10140	Active	787898 Greg Shreeve	Certified
2SSO10140	Active	790189 Robert Gerena	Certified
2SSO10140	Active	790684 Robert Gerena	Certified
2SSO10140	Active	793550 Robert Gerena	Certified
2SSO10140	Active	795763 Robert Gerena	Certified
2SSO10140	Active	797919 Robert Gerena	Certified
2SSO10141	Active	771587 Jeff Brown	Certified
2SSO10141	Active	787626 Jeff Brown	Certified
2SSO10141	Active	792191 Jeff Brown	Certified
2SSO10142	Active	650524 Tony Gerald	Certified
2SSO10142	Active	650529	Work In Progress
2SSO10142	Active	651087 Tony Gerald	Certified
2SSO10142	Active	652663 Tony Gerald	Certified
2SSO10142	Active	654505 Tony Gerald	Certified
2SSO10142	Active	655590 Tony Gerald	Certified

Collection Worker
collections
Collection Worker
Collection Worker
Collection Worker
collections
collections
Collection Worker
utilities supt
Sr Utility Leader
Sr Utility Leader
Sr Utility Leader
Sr Utility Leader
sr utility leader
utilities supt
util supt
utilities supt
utility supt
utilities supt
utility supt
utilities supt
utilities supt
utility supt
utilities supt
utilities superintendent
utility supt
utility supt
utilities supt
Sr Utility Leader
utilities manager
Utilities Maintenance Supervisor
Utilities Operations & Maintenance Supervisor
Utilities maintenance mechanic
Utilities Operations & Maintenance Supervisor
Utilities Operations & Maintenance Supervisor
Utilities Operations & Maintenance Supervisor
Utilities Operations & Maintenance Supervisor
Utilities O&M Supervisor
Utilities Operations & Maintenance Supervisor
Utilities Operations & Maintenance Supervisor
Manager
Utilities Operations & Maintenance Supervisor
Utilities Operations & Maintenance Supervisor
Utilities Operations & Maintenance Supervisor
Utilities O&M Supervisor
Utilities Operations & Maintenance Supervisor
Oeration Manager
Operation Manager
Operations Manager
Supervisor

Supervisor
Supervisor
Supervisor
Supervisor

SAM 15:45		701931
sam @9:28am		342062
SAM 7:52		748227
	10:30	161950
SAM 13:40		413854
sam@10:50 am		180168
sam@15:15		632158
SAM 19:38		747783
	10:45	985691
	11/28/2007	383670
work		990681
10.25 am		879534
Utility center		201160
City of Hayward		823115
11am		345166
	16:15	518224
09:40am		834574
	16:19	877601
	10:55	676208
	16:18	308484
011:45		616443
	1600	112671
	16:29	529521
	13:45	777824
	8:12	785779
	17:20	910846
	17:05	317182
	16:26	954123
24499 Soto Road Hayward Ca		741734
	14:42	613212
Hayward		958633
Hayward CA		658722
Office		696650
	9:15	725728
Hayward CA		189766
Hayward 10:12 AM		131589
	10:30	323099
	13:49	164862
09:27 in Hayward.		155832
Hwyawrd CA		827659
Hayward		162551
Hayward CA		746728
Hayward CA		317071
Hayward CA		642778
Hayward CA		420459
Hayward CA		526304
Hercules		252427
Hercules		517256
Hercules		923253
	8:32 AM	961730
09;17		144233
	9:30	107794
	9:10	442092
8:48 A.M.		161605

29-Dec-11	12/29/2011	29-Dec-11	12/29/2011
17-Jan-12	1/17/2012	17-Jan-12	1/17/2012
6-Feb-12	2/6/2012	6-Feb-12	2/6/2012
9-Feb-12	2/9/2012	9-Feb-12	2/9/2012
23-May-12	5/23/2012	23-May-12	5/23/2012
19-Jun-12	6/19/2012	19-Jun-12	6/19/2012
14-Dec-12	12/14/2012	14-Dec-12	12/14/2012
23-Dec-12	12/23/2012	23-Dec-12	12/23/2012
28-Nov-07		24-Feb-11	2/24/2011
28-Nov-07		28-Nov-07	11/28/2007
4-Dec-07		4-Dec-07	12/4/2007
7-Feb-08		7-Feb-08	2/7/2008
10-Feb-08		21-Feb-08	2/26/2008
2-Jul-08		2-Jul-08	7/2/2008
12-Sep-08		15-Sep-08	2/15/2011
12-Sep-08		15-Sep-08	2/28/2011
15-Sep-08		15-Feb-11	2/15/2011
25-Sep-08		25-Sep-08	2/28/2011
20-Oct-08		20-Oct-08	2/24/2011
16-Jan-09		16-Jan-09	2/28/2011
8-Jun-09		9-Jun-09	6/9/2009
9-Jun-09		9-Jun-09	2/28/2011
11-Jun-09		11-Jun-09	2/28/2011
16-Oct-09		16-Oct-09	10/16/2009
30-Dec-09		31-Dec-09	12/31/2009
25-Jan-10		29-Jan-10	2/28/2011
28-Jan-10		12-Feb-10	2/28/2011
25-Mar-10		25-Mar-10	3/25/2010
15-Jun-10	6/15/2010	15-Jun-10	6/15/2010
4-Apr-11	4/5/2011	5-Apr-11	4/5/2011
20-Jun-11	6/20/2011	20-Jun-11	6/20/2011
29-Jun-11	6/29/2011	10-Dec-12	12/10/2012
11-Oct-11	10/11/2011	11-Oct-11	10/11/2011
28-Nov-11	11/28/2011	28-Nov-11	11/28/2011
29-Nov-11	11/29/2011	29-Nov-11	12/10/2012
23-Jan-12	1/23/2012	23-Jan-12	1/23/2012
2-Feb-12	2/2/2012	2-Feb-12	2/2/2012
2-Mar-12	3/2/2012	2-Mar-12	3/2/2012
29-May-12	5/29/2012	29-May-12	5/29/2012
1-Nov-12	11/1/2012	2-Nov-12	12/4/2012
6-Nov-12	11/6/2012	6-Nov-12	11/6/2012
14-Jan-13	1/14/2013	14-Jan-13	1/14/2013
23-Jan-13	1/23/2013	23-Jan-13	1/23/2013
22-Apr-13	4/22/2013	22-Apr-13	4/22/2013
19-Jun-13	6/19/2013	19-Jun-13	6/19/2013
15-Aug-13	8/15/2013	15-Aug-13	8/15/2013
30-Sep-11	9/30/2011	30-Sep-11	9/30/2011
28-Oct-12	10/28/2012	28-Oct-12	10/28/2012
28-Feb-13	2/28/2013	28-Feb-13	2/28/2013
15-May-07		15-May-07	5/15/2007
15-May-07		15-May-07	
30-May-07		30-May-07	3/29/2011
22-Jun-07		22-Jun-07	3/29/2011
23-Jul-07		23-Jul-07	3/29/2011
9-Aug-07		16-Jan-09	1/16/2009

Category 1	500	0
Category 3	25	25
Category 3	150	150
Category 3	4	4
Category 1	750	150
Category 3	3	0
Category 3	200	0
Category 2	10125	500
Category 2	1800	0
Category 2	1800	0
Category 2	1200	1000
Category 3	500	500
Category 1	6000	5250
Category 2	1000	1000
Category 1	1798	998
Category 2	1775	1775
Category 3	200	200
Category 2	4050	4050
Category 2	1125	1125
Category 1	7500	6500
Category 3	60	60
Category 2	3000	2900
Category 1	3200	1600
Category 1	3300	0
Category 2	2250	2000
Category 1	3000	0
Category 2	9000	9000
Category 2	2000	2000
Category 3	350	0
Category 2	4125	0
Category 2	6750	100
Category 3	250	0
Category 2	2000	2000
Category 3	500	500
Category 1	190000	4000
Category 3	400	400
Category 3	800	800
Category 3	500	500
Category 3	75	75
Category 3	20	0
Category 3	25	25
Category 3	15	0
Category 3	15	0
Category 3	200	0
Category 1	600	200
Category 3	25	0
Category 1	500	200
Category 1	100	50
Category 1	1000	0
Category 3	350	0
Category 3	960	0
Category 2	1500	0
Category 3	210	0
Category 3	75	0
Category 3	900	0

500 Yes	Yes
0 No	No
0 No	No
0 No	No
600 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	Yes
No	No
750 Yes	Yes
0 No	Yes
800 Yes	Yes
0 No	Yes
0 No	No
0 No	Yes
0 No	No
1000 No	Yes
0 No	Yes
0 No	Yes
1600 No	Yes
3300 Yes	No
0 No	Yes
3000 Yes	No
0 No	Yes
0 No	Yes
0 No	No
0 No	No
0 No	No
0 No	Yes
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0 No	No
186000 Yes	Yes
0 No	No
0 No	Yes
0 No	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
400 No	Yes
0 No	No
300 Yes	Yes
50 Yes	Yes
1000 Yes	No
No	No
0 No	Yes
0 No	No
0 No	No
0 No	No
0 No	No

Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
No
Not Applicable - Spill did not reach a separate storm drainpipe
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Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach storm drainpipe

509 Ocean
kelly ave
815 First ave
717 Main st
15th hole golf course
363 poplar
half moon bay state park
St Francis State Beach
28010 Nob Hill
Nob Hill
E Street
1281 Highland Blvd
Cypress
Willimet
Hayward Blvd
275 Industrial Parkway
937 Simon Ave
Industrial Blvd
Campus and Oaks Drive
Tyrell Ave
Zaballos ct
whitman
Skyline drive
1137 walpert street
510 Corrine
St Annes Place
25837 Gettysburg ave.
E street
Intersection of Tyrrell and Shepherd ave
Oakes Dr
Hayward Golf Course
22676 Beech St
1388 Dst Hayward Ca 94544
3589 Skyline Drive
Daisy Court Whitestone Easment Line
26030 Gading Road
795 Sandoval Ave
25013 Lucien Way, Hayward CA 94544
22654 Main Street
27098 St. Frances Avenue
1755 Dahill Lane
22597 Chestnut Street
3029 Oakes Drive
1562 D Street on south side of house.
Intersection of Palisade St & Overlook Ave
22228 Montgomery Street
Victoria Lift Station
Hercules Ca.
Reugio Valley Rd by Miramar Ave
40 Bluebell easement
2375 Skyfarm Dr.
2415 Skyfarm Drive
105 Denise Rd.
350 El Portal Rd.
crystal springs

37.27715	-122.26542 San Mateo
37.27842	-122.25935 San Mateo
37.27434	-122.24364 San Mateo
37.46168	-122.42947 San Mateo
37.26284	-122.26098 San Mateo
37.45624	-122.43734 San Mateo
37.28168	-122.26766 San Mateo
37.28168	-122.26766 San Mateo
37.651944	-122.034722 Alameda
37.660556	122.034722 Alameda
37.670833	122.077778 Alameda
37.665833	122.069444 Alameda
37.669167	122.088333 Alameda
37.647222	122.093611 Alameda
37.656408	-122.04115 Alameda
37.6275	-122.049167 Alameda
37.676667	122.088056 Alameda
37.635258	-122.111617 Alameda
37.665739	-122.056044 Alameda
37.635833	-122.073611 Alameda
37.679167	-122.067778 Alameda
37.640556	-122.064722 Alameda
37.671111	-122.026667 Alameda
37.66826	-122.07339 Alameda
37.618889	-122.033889 Alameda
37.616944	-122.046389 Alameda
37.637778	-122.109167 Alameda
37.670831	-122.078003 Alameda
37.636111	-122.093056 Alameda
37.66193	-122.04042 Alameda
37.627844	-122.047206 Alameda
37.681444	-122.0651 Alameda
37.675156	-122.074028 Alameda
37.649	-122.025 Alameda
37.651464	-122.037339 Alameda
37.646006	-122.080278 Alameda
37.619167	-122.050939 Alameda
37.65317	-122.08316 Alameda
37.67232	-122.08208 Alameda
37.63695	-122.07667 Alameda
37.682133	-122.070114 Alameda
37.67843	-122.07445 Alameda
37.66323	-122.04618 Alameda
37.676278	-122.071289 Alameda
37.661864	-122.069489 Alameda
37.67531	-122.08966 Alameda
38.02815	-122.27603 Contra Costa
38.004758	-122.261771 Contra Costa
37.9941	-122.23861 Contra Costa
37.538333	122.3525 San Mateo
37.56727	-122.37321 San Mateo
37.56653	-122.37413 San Mateo
37.54791	-122.36297 San Mateo
37.56389	-122.34528 San Mateo
37.5632	122.328889 San Mateo

[illegible]

Corner of valdez and ocean

Sewer did not reach storm drain ,all was contained and recovered. Street was washed down and vacumed as well.
Three different buildings had their toilet water blown out. 717 main st, 731 main st, and 542 main st. This resulted from o
blockage between upstream MH25056 and downstream MH25042. It took 15 minutes from when we got the call to when
clean out on the side of the house was overflowing
the public restrooms at the state beach
Manhole at north end restroom campground backing up reason being its the lowest point, and too much flow at main line.
easement MH in the hilly portion of the city. lots of vegetation and very steep terrain

Apartment complex driveway

manhole is located in the #1 lane of the west bound roadway. Area is 100% residential. Roadway is very steep incline

Spill inside house at 937 Simon Ave. Estimate of 200 gallons was spilled inside of house and confined to interior premise:
the spill manhole is located in the N-bound traffic lane of a 4 lane road that runs N-S. General area isa combination of light
spill was from an manhole on an easement line
this street runs N-S and there are many multi family units on this street
backyard easement
residential/flat
residential, low traffic hilly
the spill site is at the east end of a condominium complex. area is dirt
Manhole in front of address 510 Corrine Street
residential culdesac
spill was on a residential street, low traffic.
two lane surface street

manhole located in a canyon with thick vegetation
Mission Hills golf course, hole #3

corner of D st and Fourth st two homes basement flooded
Manhole at 3589 Skyline Drive
Daisy Court Whitestone Easment main
Inside residential apartment complex
Spill out of manhole @ 795 Sandoval Ave
Cleanout in street in front of 25013 Lucien Way
Deck drain in shop
Toilet overflow due to line backing up.
Cleanout on resident property.
Cleanout in back yard of residence
Manhole in back yard behind fence.
Cleanout on south side of house
Manhole @ intersection of Palisade Street & Overlook Avenue.
Customer's cleanout
Victoria Lift Station Located at end of Tresle Cove
Sewer manhole locate in Crosswalk on Lavender Place
West bound land Refugio Valley Rd
Land easement area.

Easement-trail area

Clean out overflowed on property.
roadway ditch

ne event, from the cleaning crew that he
we broke the plug. SSO was about 50 g

SSO still continuing; High flow capacity

s. Restorative emergency services was
nt industrial and residential.

Manhole
Building or structure
Gravity sewer;Manhole
Building or structure;Other (specify)
Gravity sewer;Manhole
Building or structure
Manhole
Gravity sewer;Manhole
Manhole
Manhole
Manhole
Building or structure
Other sewer system structure
Manhole
Manhole
Manhole
Building or structure
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Gravity sewer;Manhole
Manhole
Manhole
Gravity sewer;Manhole;Other sewer system structure;Pump station;Other (specify)
Manhole
Manhole
Manhole
Manhole
Manhole
Other sewer system structure
Gravity sewer
Manhole
Gravity sewer
Manhole
Gravity sewer
Building or structure
Building or structure
Building or structure;Other (specify)
Other sewer system structure
Manhole
Other sewer system structure
Manhole
Gravity sewer
Pump station
Manhole
Gravity sewer;Manhole
Manhole
Other sewer system structure
Manhole
Manhole
Other (specify)
Manhole

City contractor televising crew plugged main line to televise on 12-1-2011 and SAM received callout on 12-4-2011.

Water inside toilet bowl was blown out onto bathroom floor. Caused by high water pressure of sewer cleaning truck.

the manhole in front of the restroom was overflowing onto the grass area upon our arrival
We will amend report when the flow capacity goes down. 10125 gallons spilled onto ground. dirt.

Apartment complex 4 inch clean out

Clean out cover

Sewage flowed out of manhole cover.

Coming out of clean out at the rear of the property

Manhole at 3589 Skyline Drive

Manhole behind 3340 Daisy Court

Cleanout

Manhole in street in front of 795 Sandoval Ave

Cleanout in front of 25013 Lucien Way

Spill emanated from deck drain in lingerie shop.

Toilet overflowed due to sewer main backup.

Cleanout on resident property.

Customers bathtub and cleanout.

Manhole in back yard behind fence.

Cleanout

Manhole

Spill resulted when resident opened property cleanout while line was backed up.

Clean out overflowed.

Beach;Separate storm drain;Street/curb and gutter
Building or structure
Street/curb and gutter
Building or structure;Other (specify below)
Other paved surface;Separate storm drain;Surface water;Unpaved surface
Other (specify below)
Other (specify below)
Other paved surface;Unpaved surface
Unpaved surface
Unpaved surface
Other paved surface
Other paved surface;Unpaved surface
Storm drain;Street/curb and gutter;Surface water
Storm drain
Surface water
Other (specify below)
Other (specify below)
Separate storm drain
Unpaved surface
Separate storm drain
Storm drain
Separate storm drain
Unpaved surface
Other (specify below)
Storm drain
Other (specify below)
Other paved surface;Separate storm drain;Street/curb and gutter;Surface water
Storm drain
Other (specify below)
Unpaved surface
Unpaved surface
Other (specify below)
Building or structure
Other paved surface
Surface water
Unpaved surface
Separate storm drain;Street/curb and gutter
Other paved surface
Building or structure
Unpaved surface
Building or structure;Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Separate storm drain
Unpaved surface
Surface water
Surface water
Surface water
Unpaved surface
Separate storm drain
Unpaved surface
Unpaved surface
Other paved surface
Street/curb and gutter

Bathrooms inside three different buildings. Manhole #s for building 717 main and 731 main are H14002-H14001, MH #s about 3 gallon overflowed onto the ground in there back yard area the flow going into the 18 inch mainline was to much which resulted in the back up of the restroom line that ties into the SSO spill is going onto ground (soil).

alameda county drainage ditch, drains to sf bay

Open drainage ditch that we sandbagged, then vacuumed.
house carpets

liquid spread out over a hillside with lots of vegetation
hillside and some to Ward Creek
Spill was estimated at 2250 Gallons, we recovered 2000 gallons of the sewage with nothing passing buy us.
sewage went into a flood control ditch behind St Annes Place that was flowing violently because of the severe storm

Spill was contained and returned to City Sewer

Spill onto golf course, soaked into turf.
Alameda Flood Control

In street, cleaned up by crew with Vactor truck.
Ziele Creek
Large planting area.
Spill partially entered storm drain, storm drain was blocked, and spill was recovered.
Along curb & gutter at 25013 Lucien Way
Spill from deck drain in shop. Crew cleaned up and returned to sanitary sewer.
Crawl space under home. Had contractor clean and disinfected crawl space for resident.
Cleanout on resident property.
In grass of residence. Sewer Collection crews cleaned up debris that did not soak into the ground.
Back yard of residence. Unpaved lawn.
Side of house in weeds and dirt
Storm drain on Carlos Bee Blvd.
Resident's lawn
San Pablo Bay via Storm drain System

Refugio Creek

Clean out overflowed onto front yard.

12/4/2011 8:45	12/4/2011 8:45	12/4/2011 9:35	12/4/2011 9:35
1/16/2012 8:55	1/16/2012 8:55	1/16/2012 9:40	1/16/2012 9:40
2/4/2012 8:45	2/4/2012 8:45	2/4/2012 9:15	2/4/2012 9:30
2/9/2012 12:54	2/9/2012 12:54	2/9/2012 13:15	2/9/2012 12:54
5/23/2012 8:25	5/23/2012 8:25	5/23/2012 8:35	5/23/2012 12:00
6/19/2012 9:01	6/19/2012 9:01	6/19/2012 9:20	6/19/2012 9:30
12/2/2012 10:51	12/2/2012 10:51	12/2/2012 11:20	12/2/2012 14:00
12/23/2012 14:30	12/23/2012 14:30	12/23/2012 14:45	12/23/2012 16:40
11/27/2007 0:00	11/27/2007 0:00	11/27/2007 0:00	11/27/2007 0:00
11/27/2007 8:30	11/27/2007 8:45	11/27/2007 9:00	11/27/2007 12:00
12/3/2007 11:00	12/3/2007 11:10	12/3/2007 11:25	12/3/2007 12:00
2/7/2008 7:40	2/7/2008 7:50	2/7/2008 8:00	2/7/2008 8:15
2/10/2008 4:15	2/10/2008 4:15	2/10/2008 4:45	2/10/2008 5:30
7/1/2008 11:30	7/1/2008 11:30	7/1/2008 11:40	7/1/2008 15:00
9/10/2008 23:30	9/10/2008 23:30	9/10/2008 23:50	9/11/2008 4:00
9/10/2008 7:50	9/10/2008 8:00	9/10/2008 8:10	9/10/2008 8:45
8/30/2008 23:45	8/30/2008 23:45	8/30/2008 23:59	8/31/2008 0:30
9/22/2008 8:08	9/22/2008 8:08	9/22/2008 8:35	9/22/2008 8:35
10/16/2008 8:20	10/16/2008 8:20	10/16/2008 8:20	10/16/2008 8:40
1/14/2009 8:52	1/14/2009 8:57	1/14/2009 9:15	1/14/2009 10:15
6/2/2009 13:20	6/2/2009 13:20	6/2/2009 13:35	6/2/2009 14:20
6/4/2009 18:00	6/4/2009 18:00	6/3/2009 18:15	6/4/2009 19:00
6/8/2009 18:00	6/8/2009 18:00	6/8/2009 18:45	6/8/2009 19:00
10/13/2009 21:33	10/13/2009 21:00	10/13/2009 21:33	10/13/2009 22:38
12/28/2009 10:45	12/28/2009 10:45	12/28/2009 10:59	12/28/2009 11:45
1/20/2010 12:55	1/20/2010 12:55	1/20/2010 1:10	1/20/2010 2:55
1/27/2010 5:45	1/27/2010 5:45	1/27/2010 6:15	1/27/2010 6:45
3/20/2010 11:00	3/20/2010 11:00	3/20/2010 11:30	3/20/2010 11:45
6/13/2010 13:30	6/13/2010 13:30	6/13/2010 13:59	6/13/2010 18:30
4/2/2011 16:30	4/2/2011 16:30	4/2/2011 17:30	4/2/2011 19:15
6/19/2011 12:00	6/19/2011 12:00	6/19/2011 12:15	6/19/2011 12:45
6/28/2011 15:00	6/28/2011 15:00	6/28/2011 15:25	6/28/2011 15:35
10/8/2011 10:15	10/8/2011 10:15	10/8/2011 11:00	10/8/2011 11:15
11/23/2011 21:00	11/23/2011 21:00	11/23/2011 22:00	11/23/2011 22:00
11/26/2011 12:00	11/28/2011 11:15	11/28/2011 11:25	11/28/2011 12:15
1/5/2012 14:25	1/5/2012 14:30	1/5/2012 14:35	1/5/2012 15:00
2/1/2012 14:45	2/1/2012 14:45	2/1/2012 14:45	2/1/2012 15:15
3/1/2012 15:00	3/1/2012 15:05	3/1/2012 15:30	3/1/2012 15:30
5/18/2012 14:45	5/18/2012 14:48	5/18/2012 14:55	5/18/2012 15:00
10/29/2012 11:00	10/29/2012 11:03	10/29/2012 11:15	10/29/2012 11:15
11/5/2012 11:56	11/5/2012 11:56	11/5/2012 12:15	11/5/2012 12:45
1/7/2013 13:00	1/7/2013 14:30	1/7/2013 14:45	1/7/2013 15:15
1/18/2013 16:30	1/18/2013 17:00	1/18/2013 18:00	1/18/2013 18:30
4/19/2013 8:41	4/19/2013 8:45	4/19/2013 8:59	4/19/2013 9:15
6/16/2013 12:15	6/16/2013 12:15	6/16/2013 12:30	6/16/2013 13:45
8/13/2013 19:55	8/13/2013 19:58	8/13/2013 20:26	8/13/2013 20:00
9/29/2011 2:00	9/29/2011 2:15	9/29/2011 2:30	9/29/2011 3:00
10/27/2012 10:00	10/27/2012 10:15	10/27/2012 10:30	10/27/2012 11:00
2/27/2013 14:30	2/27/2013 14:35	2/27/2013 14:36	2/27/2013 15:30
5/9/2007 0:00	5/9/2007 9:30	5/9/2007 9:45	5/9/2007 9:55
5/14/2007 0:00	5/14/2007 19:45	5/14/2007 19:50	5/14/2007 20:30
5/29/2007 0:00	5/29/2007 10:00	5/29/2007 10:15	5/29/2007 10:30
6/21/2007 0:00	6/22/2007 9:10	6/22/2007 9:30	6/22/2007 10:15
7/22/2007 0:00	7/22/2007 18:30	7/22/2007 18:45	7/22/2007 20:20
8/9/2007 8:15	8/9/2007 8:15	8/9/2007 8:20	8/9/2007 8:51

Other (specify below)
Other (specify below)
Debris-Rags
Other (specify below)
Root intrusion
Debris-Rags
Rainfall exceeded design (Separate CS Only)
Flow exceeded capacity (Separate CS Only)
Root intrusion
Root intrusion
Grease deposition (FOG)
Root intrusion
Grease deposition (FOG)
Debris
Other (specify below)
Root intrusion
Root intrusion
Grease deposition (FOG)
Root intrusion
Grease deposition (FOG)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Grease deposition (FOG)
Grease deposition (FOG)
Other (specify below)
Grease deposition (FOG)
Root intrusion
Root intrusion
Other (specify below)
Debris-General
Grease deposition (FOG)
Root intrusion
Grease deposition (FOG)
Debris-Rags
Grease deposition (FOG)
Grease deposition (FOG)
Root intrusion
Grease deposition (FOG)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Grease deposition (FOG)
Pump station failure
Root intrusion
Root intrusion
Root intrusion
Other (specify below)
Root intrusion
Root intrusion
Root intrusion
Grease deposition (FOG)

City contractor plugged main line to televise, and that led manhole to overflow.(lowest point)12-1-2011 Response from main line was plugged the plug broke it self not sure what caused it when we arrived the flow was restored already but

Resulted from high water pressure cleaning of sewage main line.

due to heavy rains

SSO is still going on due to weather. Flow capacity in the main line is too high. update at 19:30 the manhole stoped overf

Grease blockage, multiple apartment complexes near spill

a root ball from an upper segment of this pipe made its way to this MH and blocked the discharge side of the MH

Spill at 937 Simon Ave. Estimate of 200 gallons was spilled inside of house and confined to interior premises. Restorative

root ball from some location in the upper sewer main

Roots and grease in line. Line was chemically treated, roots may have become brittle and clogged line.
Drain Rock in line

Grease in line.
Root intrusion into manhole.
Grease in lateral caused backup.
Found rags and grease in line.
Heavy grease in line from restaurant.
Heavy grease in downtown sewer mains.
Roots and grease in sewer main.
Grease in line at lift station inlet.
Roots, grease and rags in sewer main.
Rootball in manhole.
Roots and pipe offsets
Root intrusion in City sewer main.
Grease and corn cobs found in line.
failure of lift station controls and Alarm

cleaning rags (swifters)

Main
Main
Main
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Main
Main
Main

Main
Main
Main
Main
Main
Other (specify below)
Main
Main
Main
Main
Upper Lateral
Upper Lateral
Main
Other (specify below)
Upper Lateral
Main
Main
Main
Main
Main

Main
Main
Main
Main

Main stoppage, sewage flowed from upstream manhole.

Gravity main clogged with grease.

Manhole joint

Main backed up and spilled from cleanout in apartment complex.

Main blocked approximately 50' upstream of manhole at intersection of San Antonio Street & Huntwood Ave.

Jackson St & Park St. backup was original location of stoppage. After clearing stoppage, grease went down stream, block

Main clogged with grease backed up and spilled out customer's deck drain.

Overflow from customer toilet due to sewer main stoppage.

Line clog at lift station influent due to grease.

Manhole

Cleanout at resident's home.

Roots entered joint in pipe.

Main clogged, backed up and when resident opened cleanout sewage escaped to resident's lawn.

8 VCP

8

8 ac

10 vcp

8 vcp

12 HDPE

8 vcp

8 vcp

8 ac

15 ac

8 vcp

10 vcp

8 vcp

8 vcp

8 VCP

6 VCP

6

8 VCP

8 AC

8 VC

8 VCP

8 VCP

8 VCP

4 ACP

6 ACP

6 VCP

8 VCP

6 VCP

8 VCP

6 VCP

8 plastic

8 Plastic

6 clay

6 clay

6 clay

8

ed a line and caused surcha

1968

1967

1961

1956

10

1948

1949

1973

1966

1954

1960

52

1966

50

53

38

43

58

40

63

55

35

45

53

53

59

55

55

5

25

45

50

50

ED 006495 00001080-02464

Cleaned paper around manhole.

Sandbagged drainage ditch contained spill, Vacuumed and flushed stormdrain at same time. Cleaned sewer line removed

Traced spill to dry stormdrain manhole set up vacuum truck and hydro cleaned out storm drains all the way from spill to cle

Contained area, cleaned up debris, vactored sewage to extent possible, washed down walkway and grass area, raked gra

Sampled creek upstream and down stream of spill for coliform. Instructed resident of reporting procedures during off hour
Cleared blockage, televised main, recovered all spilled sewage, cleaned area and had remediation company remove all s
Crew responding to odor complaint, found manhole starting to overflow. Crew implemented BMP's to contain spill, blocke
Posted signs on street, cleaned street, cleaned storm drain catch basin, televised affected line that caused blockage and
Contained spill, captured all of spill and returned to sanitary sewer. Cleaned lines, televised lines.

Cleaned and disinfected customer crawl space.

Broke stoppage, cleaned up spill in resident yard, had Restoration Management disinfect shower where spill appeared.

Cleaned yard, broke stoppage, cut roots from pipe, televised line.

Spill on dirt and weeds, absorbed into ground. Cleaned up area, disinfected and hired Restoration Management Services
Cleaned spill and storm drains where sewage entered. Inspected storm water pump station approximately 1/4 mile from s
Called Roto Rooter, broke stoppage and restored flow. Sewage spilled into lawn.

Back up by system was put in operation returning function of lift station. Sewage contain within area of Station returned to

Just barely seeping out of manhole.

12/4/2011 10:15

5/23/2012 12:00

12/23/2012 17:06

11/27/2007 0:00

11/27/2007 0:00

12/4/2007 12:00

2/21/2008 3:00

7/1/2008 20:00

9/11/2008 11:30

9/10/2008 11:57

9/22/2008 20:00

10/16/2008 14:00

1/14/2009 14:30

6/4/2009 22:30

6/8/2009 22:00

10/15/2009 16:00

12/28/2009 17:00

1/20/2010 5:00

1/28/2010 12:00

3/20/2010 14:00

4/2/2011 20:00

6/19/2011 12:45

6/28/2011 17:00

10/8/2011 8:00

11/29/2011 14:00

9/29/2011 4:00

10/27/2012 13:00

2/27/2013 16:29

5/14/2007 20:30

5/29/2007 11:00

Other (specify below)

Added sewer to preventive maintenance program

Other (specify below)

Added sewer to preventive maintenance program

Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program

Added sewer to preventive maintenance program

Other (specify below)

Other (specify below)

Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance;Plan rehabilitatic

Adjusted schedule/method of preventive maintenance

Repaired sewer

Adjusted schedule/method of preventive maintenance

Enforcement action against FOG source;Plan rehabilitation or replacement of sewer

Adjusted schedule/method of preventive maintenance

Plan rehabilitation or replacement of sewer

Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program

Plan rehabilitation or replacement of sewer

Adjusted schedule/method of preventive maintenance

Other (specify below)

Other (specify below)

Other (specify below)

Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance;Plan rehabilitatic

Other (specify below)

Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program

Other (specify below)

Added sewer to preventive maintenance program

Contractor pulled plug to restore flow. Line was flushed by SAM as well on 12-4-2011

none

spill was originally overestimated. Volume was calculated using vector truck and time spent containing spill until stoppage upstream sewer main will be CCTV inspected to determine root intrusion point and then chemically treated for roots. To be determined after CCTV inspection...we know the cause was roots.

TV line to determine action required.
Rock found in line. Additional flushing of line
Removed plastic debris causing overflow

Cut roots out of manhole and restored flow. Added all easement mains and manholes to annual inspection list. Will start (

Repairs underway at Lift Station & Planned installation of additional back up alarm system

Root foaming/town web site about dumping swiflers down sewer lines
Will add this area of sewer easement to our root foaming program.

Yes

Yes

Yes

No

No

No

Yes

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

No

Yes

Yes

No

No

No

No

na

no evidence of sewage related material could be observed. Because flow from impacted MH flowed from the holes in the

at the point where this particular SD pipe discharges into the flood control channel a visual inspection indicated that no site was restored to pre spill condition

no impact observed

none

none

no observable floating material from our vantage point. bad weather and terrain made it unsafe to get close to the actual

significant flow in channel un-able to collect samples. Did not see any flow sewage debris. Manhole acted as a shive so on city crews spent an entire day hydro cleaning and vacuuming the SD pipeline between the spill point and the entry to the traced storm drain pipe to channel discharge with no visible liquid at this point. flushed SD pipe with 3-4 K of clean water

NA

Water appeared clean. Area was free of debris. No signs of contamination or wildlife impact.

NA

NA

N/A

N/A

N/A

N/A

N/A

N/A

Creek inspected down stream for any negative effects no negative effects found

No

No

No
No
No
No

No
No
No
No

No
No
No

No
No
No
No
No
No
No
No

No
No
No
No

No

No
No
No

No
No

Francis state beach

na
na
na

n/a
na
NA
n/a

na
NA
na

na
na
na
n/a
NA
na
na

NA

NA

NA
N/A
N/A
N/A

N/A
N/A

N/A

N/A
NA

pacific ocean

golf course pond that leads to pacific ocean

na
na
na

San francisco Bay 750 gallons

na

Ziele Creek

Small Drainage Ditch inside golf course.

na
did not reach surface water
na

na
Ziele Creek, creek was inspected and no visual impacted noted. Mosquito abatement will also walk the creek and inform
Ward Creek

n/a
sf bay
alameda county flood control
na

None

NA
Ziele Creek
NA
NA
NA
N/A
N/A
N/A

N/A
N/A

N/A
San Pablo Bay
Refugio Creek
Refugio Creek

N/A
NA

Not applicable to this spill

Other (specify below)

Not applicable to this spill

Not applicable to this spill

Not applicable to this spill

Not applicable to this spill

Dissolved oxygen;Biological indicator(s) - specify below

Not applicable to this spill

Dissolved oxygen;Other chemical indicator(s) - specify below;Biological indicator(s) - specify below

No water quality samples taken

Dissolved oxygen;Other chemical indicator(s) - specify below;Biological indicator(s) - specify below

No water quality samples taken

No water quality samples taken

Not applicable to this spill

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

Not applicable to this spill

Not applicable to this spill

Not applicable to this spill

No water quality samples taken

Not applicable to this spill

Biological indicator(s) - specify below

Not applicable to this spill

No water quality samples taken

No water quality samples taken

No water quality samples taken

Not applicable to this spill

coliform, colilert, enterolert

Ammonia Nitrogen, Fecal Coliform

DO, E Coli, NH3 at the entry and exit of creek

DO, NH3 and fecal coli
none

no samples due high flows and to safety concerns

Tested for coliform.

No water quality samples taken

County Health Agency

Not applicable to this spill

Not applicable to this spill

Not applicable to this spill

Not applicable to this spill

None of the above

Not applicable to this spill

County Health Agency;Regional Water Quality Control Board;None of the above

None of the above

None of the above

No water quality samples taken

None of the above

None of the above

None of the above

None of the above

None of the above

None of the above

None of the above

No water quality samples taken

Not applicable to this spill

None of the above

No water quality samples taken

None of the above

None of the above

None of the above

None of the above

None of the above

None of the above

Not applicable to this spill

sample results not available at the time of this report will be repoted to Regional Board and Alameda Co Health

waiting for lab results

117648	12/29/2011 15:30
173044	5/23/2012 9:40
127851	12/23/2012 16:45
77484	12/4/2007 8:21
81232	2/10/2008 8:38
84854	7/1/2008 14:30
86642	9/11/2008 1:20
86616	9/10/2008 10:55
86877	9/22/2008 9:39
87476	10/16/2008 10:08
90307	1/14/2009 11:10
94080	6/2/2009 15:05
94147	6/4/2009 18:45
94225	6/8/2009 20:00
96936	10/13/2009 21:30
98594	12/28/2009 11:47
100485	1/20/2010 2:35
739	1/27/2010 7:00
101911	3/20/2010 11:40
103610	6/13/2010 11:00
112141	4/2/2011 18:00
113670	6/19/2011 15:30
113891	6/28/2011 16:55
116052	10/11/2011 9:00
	11/23/2011 23:45
117039	11/28/2011 13:00
120659	2/1/2012 16:43
121199	3/1/2012 17:20
122954	5/18/2012 16:20
126542	10/30/2012 8:53
130404	1/18/2013 20:30
133662	6/16/2013 14:40
131224	2/28/2013 8:25
0	11/11/1111 00:00
73272	5/29/2007 8:30

2SSO10142	Active	657662 Tony Gerald	Certified
2SSO10142	Active	706940 Tony Gerald	Certified
2SSO10142	Active	708384 Tony Gerald	Certified
2SSO10142	Active	709154 Tony Gerald	Certified
2SSO10142	Active	710145 Tony Gerald	Certified
2SSO10142	Active	710791 Tony Gerald	Certified
2SSO10142	Active	710804 Tony Gerald	Certified
2SSO10142	Active	710818 Tony Gerald	Certified
2SSO10142	Active	711269 Tony Gerald	Certified
2SSO10142	Active	711272 Tony gerald	Certified
2SSO10142	Active	711277 Tony Gerald	Certified
2SSO10142	Active	711392 Tony Gerald	Certified
2SSO10142	Active	711578 Tony Gerald	Certified
2SSO10142	Active	711587 Tony Gerald	Certified
2SSO10142	Active	711593 Tony Gerald	Certified
2SSO10142	Active	711922 Tony Gerald	Certified
2SSO10142	Active	712087 Tony Gerald	Certified
2SSO10142	Active	712090 Tony Gerald	Certified
2SSO10142	Active	712116 Tony Gerald	Certified
2SSO10142	Active	712131 Tony Gerald	Certified
2SSO10142	Active	712217 Tony Gerald	Certified
2SSO10142	Active	712221 Tony Gerald	Certified
2SSO10142	Active	712227 Tony Gerald	Certified
2SSO10142	Active	712271 Tony Gerald	Certified
2SSO10142	Active	712285 Paul Capovilla	Certified
2SSO10142	Active	714477 Tony Gerald	Certified
2SSO10142	Active	714678 Tony Gerald	Certified
2SSO10142	Active	714952 Tony Gerald	Certified
2SSO10142	Active	714989 Tony Gerald	Certified
2SSO10142	Active	716149 Tony Gerald	Certified
2SSO10142	Active	717321 Tony Gerald	Certified
2SSO10142	Active	719181 Tony Gerald	Certified
2SSO10142	Active	720068 Tony Gerald	Certified
2SSO10142	Active	721555 THOMAS BARRY	Certified
2SSO10142	Active	724458 Paul Capovilla	Certified
2SSO10142	Active	724535 Tony Gerald	Certified
2SSO10142	Active	724594 Paul Capovilla	Certified
2SSO10142	Active	724835 Tony Gerald	Certified
2SSO10142	Active	725118 thomas barry	Certified
2SSO10142	Active	725522 Craig West	Certified
2SSO10142	Active	725527 Craig West	Certified
2SSO10142	Active	725528 Craig West	Certified
2SSO10142	Active	727304 Tony Gerald	Certified
2SSO10142	Active	727706 Martha Debry	Certified
2SSO10142	Active	727759 Martha Debry	Certified
2SSO10142	Active	727761 Martha Debry	Certified
2SSO10142	Active	728085 Tony Gerald	Certified
2SSO10142	Active	729827 Tony Gerald	Certified
2SSO10142	Active	730274 Tony Gerald	Certified
2SSO10142	Active	731107 Tony Gerald	Certified
2SSO10142	Active	731362 Tony Gerald	Certified
2SSO10142	Active	732219 Tony Gerald	Certified
2SSO10142	Active	732485 Tony Gerald	Certified
2SSO10142	Active	733550 Tony Gerald	Certified
2SSO10142	Active	733551 Tony Gerald	Certified

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Supervisor
Supervisor
LEADMAN
Sewer Maint.
Supervisor
Sawer Maint.
supervisor
leadman
Supervisor
Public Works Supervisor
Public Works Supervisor
supervisor
Public Works Director
Public Works Director
Public Works Director
Supervisor
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Supervisor

	2:23 PM	947637
Hillsborough		525523
2:33pm		563075
3:25 p.m.		563333
	2:49	644592
12:09 P.M.		421914
2:42 P.M.		998919
2:29 P.M.		402922
2:52 p.m.		695819
3:37 p.m.		603125
4:41p.m.		808458
2:54p.m.		371802
11:42 A.M.		995366
11:59 A.M.		354755
2:15 P.M.		124589
12:12 P.M.		860178
2:49 P.M.		690394
3:25 P.M.		923792
9:18 A.M.		940820
12:29 P.M.		850773
1:56 P.M.		246661
2:54P.M.		956655
2:47 P.M.		533187
11:01 A.M.		485814
11:26am		808682
2:16 p.m.		499824
9:58 A.M.		938253
226 P.M.		188864
11:54 a.m.		301985
8:44 A.M.		547055
11:32 A.M.		656053
	14:40	737452
9:59 A.M.		267047
	8:01 AM	982087
	20:08	344390
	8/11/2008	777436
	10:24	217424
4:17p.m.		313474
	1637	821004
9:58 a.m.		119842
	18:10	248863
	18:30	225869
	16:19	874398
hillsborough		458283
Hillsborough		520146
Hillsborough CA		991192
10:47 A.M.		532237
	14:31	235920
	14:38	446469
	14:08	387938
	14:22	508076
	11:19	298713
	11:44	570863
	15:11	248538
	15:40	749743

18-Sep-07	18-Sep-07	9/18/2007
31-Oct-07	31-Oct-07	10/31/2007
29-Nov-07	29-Nov-07	11/29/2007
12-Dec-07	12-Dec-07	12/12/2007
20-Dec-07	20-Dec-07	12/20/2007
7-Jan-08	7-Jan-08	1/7/2008
7-Jan-08	7-Jan-08	1/23/2008
7-Jan-08	7-Jan-08	1/23/2008
15-Jan-08	15-Jan-08	1/15/2008
15-Jan-08	15-Jan-08	1/15/2008
15-Jan-08	15-Jan-08	1/15/2008
17-Jan-08	17-Jan-08	1/17/2008
23-Jan-08	23-Jan-08	1/23/2008
23-Jan-08	23-Jan-08	1/23/2008
23-Jan-08	23-Jan-08	1/23/2008
28-Jan-08	29-Jan-08	1/29/2008
30-Jan-08	30-Jan-08	1/30/2008
30-Jan-08	30-Jan-08	1/30/2008
31-Jan-08	31-Jan-08	1/31/2008
31-Jan-08	31-Jan-08	1/31/2008
1-Feb-08	1-Feb-08	2/1/2008
1-Feb-08	1-Feb-08	2/1/2008
1-Feb-08	1-Feb-08	2/1/2008
4-Feb-08	4-Feb-08	2/4/2008
4-Feb-08	4-Feb-08	2/4/2008
4-Mar-08	4-Mar-08	3/4/2008
10-Mar-08	10-Mar-08	3/10/2008
17-Mar-08	17-Mar-08	3/17/2008
18-Mar-08	18-Mar-08	3/18/2008
15-Apr-08	15-Apr-08	4/15/2008
13-May-08	13-May-08	5/13/2008
9-Jun-08	9-Jun-08	6/9/2008
23-Jun-08	23-Jun-08	6/23/2008
7-Jul-08	8-Jul-08	7/8/2008
9-Aug-08	9-Aug-08	8/9/2008
11-Aug-08	11-Aug-08	8/11/2008
13-Aug-08	13-Aug-08	8/13/2008
18-Aug-08	18-Aug-08	8/18/2008
22-Aug-08	22-Aug-08	8/22/2008
30-Aug-08	30-Aug-08	8/30/2008
31-Aug-08	31-Aug-08	8/31/2008
31-Aug-08	31-Aug-08	8/31/2008
2-Oct-08	6-Oct-08	10/6/2008
9-Oct-08	4-Nov-08	11/4/2008
11-Oct-08	14-Oct-08	10/14/2008
12-Oct-08	4-Nov-08	11/4/2008
20-Oct-08	1-Feb-11	2/1/2011
25-Nov-08	5-Jan-09	1/5/2009
8-Dec-08	5-Jan-09	1/5/2009
27-Dec-08	5-Jan-09	1/5/2009
2-Jan-09	5-Jan-09	1/5/2009
21-Jan-09	24-Feb-09	2/24/2009
24-Jan-09	24-Feb-09	2/24/2009
15-Feb-09	24-Feb-09	2/24/2009
15-Feb-09	24-Feb-09	2/24/2009

Category 3	150	0
Category 3	265	0
Category 3	100	0
Category 3	420	100
Category 3	750	700
Category 1	2700	0
Category 1	2700	0
Category 1	18000	0
Category 1	100000	0
Category 1	100000	0
Category 1	13500	0
Category 1	5250	0
Category 1	5250	0
Category 1	5250	0
Category 1	21000	0
Category 1	1923000	0
Category 1	122000	0
Category 1	122000	0
Category 1	115000	0
Category 1	33000	0
Category 1	33000	0
Category 1	20000	0
Category 1	21000	0
Category 1	9600	0
Category 1	18000	0
Category 3	210	0
Category 3	50	50
Category 3	175	0
Category 3	5	0
Category 3	20	0
Category 3	3	0
Category 1	150	75
Category 3	10	0
Category 1	600	250
Category 3	750	0
Category 3	200	50
Category 3	300	0
Category 3	150	140
Category 2	2250	0
Category 1	999	0
Category 1	730	0
Category 1	550	0
Category 1	30	25
Category 3	450	0
Category 3	50	50
Category 1	500	250
Category 3	150	10
Category 1	125	100
Category 3	50	50
Category 1	150	75
Category 3	10	0
Category 3	150	0
Category 1	200	75
Category 1	12000	0
Category 1	6000	0

No	No
No	No
0 No	Yes
No	No
No	No
2700 Yes	Yes
2700 Yes	Yes
18000 Yes	Yes
100000 Yes	Yes
100000 Yes	Yes
13500 Yes	Yes
5250 Yes	Yes
5250 Yes	Yes
5250 Yes	Yes
21000 Yes	Yes
1923000 Yes	Yes
122000 Yes	Yes
122000 Yes	Yes
115000 Yes	Yes
33000 Yes	Yes
33000 Yes	Yes
20000 Yes	Yes
21000 Yes	Yes
9600 Yes	Yes
18000 Yes	Yes
No	No
0 No	Yes
0 No	No
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0 No	No
0 No	No
75 Yes	Yes
0 No	No
350 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
999 Yes	No
730 No	Yes
550 No	Yes
5 Yes	Yes
0 No	No
0 No	Yes
500 Yes	No
0 No	No
25 Yes	Yes
0 No	No
75 No	Yes
0 No	No
0 No	No
125 Yes	Yes
12000 Yes	Yes
6000 Yes	Yes

Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
No
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
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No

5 Cottonwood Court easaement
Easement area
Pullman Dr.
40 Shady Lane
750 El Cerrito Ave
766 El Cerrito Ave
750 El Cerrito
1600 Floribunda Ave
Crystal Springs Rd.
1050 Crystal Springs Rd.
777 El Cerrito
750 El Cerrito Ave
766 El Cerrito
777 El Cerrito
1050 Crystal Springs Rd.
Redington Easement
Crystal Springs road
Crystal Springs Road
El Cerrito Ave
El Cerrito Ave
El Cerrito
Floribunda
Hayne Road
El Cerrito Ave
El Cerrito Ave
15 Cottonwood
Hayne
Braemar Dr.
El Cerrito
550 Remillard Drive
Hillsborough Blvd.
80 Del Monte dr.
Bowhill Rd.
2235 Ralston ave
Bates
Hillsborough
Lydia
Hillsborough
cottonwood
85 Orange Court
575 Pullman Road
575 Laurent Road
Tartan Trail
560 Pullman
1020 Parrot Drive, Hillsborough. California.94010
95 Lookout Road, Hillsborough. Ca. 94010
Laurent Rd.
Hillsborough
1285 Cardigan Rd
665 Chateau Drive
405 remillard
Mountainwood Ct
Hillsborough
El Cerrito
760 El Cerrito

37.5654	122.3723 San Mateo
37.5655	122.3754 San Mateo
37.5558	122.3745 San Mateo
37.5456	122.3584 San Mateo
37.555	122.3391 San Mateo
37.555	122.3391 San Mateo
37.555	122.3391 San Mateo
37.5777	122.3557 San Mateo
37.5483	122.3464 San Mateo
37.5483	122.3464 San Mateo
37.555	122.339 San Mateo
37.55	122.3391 San Mateo
37.555	122.3391 San Mateo
37.555	122.339 San Mateo
37.5483	122.3464 San Mateo
37.5709	122.3694 San Mateo
37.5483	122.3464 San Mateo
37.5483	122.3464 San Mateo
37.555	122.339 San Mateo
37.555	122.339 San Mateo
37.555	122.339 San Mateo
37.5777	122.3557 San Mateo
37.5527	122.3588 San Mateo
37.555	122.339 San Mateo
37.555	122.3391 San Mateo
37.5654	122.3723 San Mateo
37.558	122.3439 San Mateo
37.5406	122.356 San Mateo
37.555	122.3391 San Mateo
37.5546	122.3715 San Mateo
37.566	122.3547 San Mateo
37.5739	122.3824 San Mateo
37.5548	122.3402 San Mateo
37.5691	122.3595 San Mateo
37.5551	122.3523 San Mateo
37.5608	122.3516 San Mateo
37.5394	122.3518 San Mateo
37.577	122.3655 San Mateo
37.5654	122.3723 San Mateo
37.564427	-122.369573 San Mateo
37.55772	-122.371799 San Mateo
37.558459	-122.370325 San Mateo
37.5423	122.3597 San Mateo
37.5577	122.3711 San Mateo
37.541996	-122.344059 San Mateo
37.549724	-122.359407 San Mateo
37.5587	122.3705 San Mateo
37.5384	122.353 San Mateo
37.550792	-122.354728 San Mateo
37.560382	-122.371519 San Mateo
37.5522	122.3684 San Mateo
37.5454	122.3334 San Mateo
37.5507	122.3648 San Mateo
37.555	122.339 San Mateo
37.555	122.3391 San Mateo

[illegible]

Easement -open space
Trail easement area.

Road Shoulder

Roadway

Road Shoulder

Easement area

From manhole in backyard

Residential Backyard

Easement behind 85 Orange Court

Discharge from manhole in street

Discharge from manhole on side of roadway in front of 575 Laurent Road due to root intrusion and heavy paper debris in

Manhole (Backyard of 560 Pullman Rd)

Discharge out of a manhole in the street in front of 1020 Parrot Drive, Hillsborough, California.

Manhole discharged in easement (canyon) along side of a dry creek due to papers and rags creating a blockage in the m

Manhole in the street on the corner of 1285 Cardigan and Avondale Rd was surcharged but only released approximately 4
665 Chateau Dr, surcharge out of a manhole in the street, approx. 100-150 gallons which reached a catch basin.

Manhole in easement.

mainline.

ain. Call came in at 6:30 p.m. by the tim

50 gallons into street and in dirt area alo

Gravity sewer
Manhole
Manhole
Building or structure
Gravity sewer
Manhole
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Other (specify)
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Other (specify)
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Manhole
Other sewer system structure
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Other (specify)
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Manhole

766 & 728 El Cerrito M/H Included In This As One Spill

House clean out/city main was holding

House c/o

Sewage was trickling out of the manhole, no more than 50 gallons was discharged out of the manhole.

House c/o

Manhole in the street on the corner of 1285 Cardigan and Avondale Rd was surcharged but only released approximately !

Roots grown into manhole structure blocking the the sewer pipe.

Unpaved surface
Unpaved surface
Storm drain
Building or structure
Other (specify below)
Surface water
Surface water
Storm drain
Surface water
Surface water
Storm drain
Surface water
Surface water
Surface water
Surface water
Surface water
Surface water
Surface water
Storm drain
Storm drain
Storm drain
Storm drain
Storm drain
Storm drain
Storm drain
Unpaved surface
Storm drain
Unpaved surface
Other paved surface
Unpaved surface
Unpaved surface
Storm drain
Street/curb and gutter
Storm drain
Unpaved surface
Unpaved surface
Unpaved surface
Other paved surface
Unpaved surface
Other (specify below)
Storm drain
Storm drain
Storm drain
Unpaved surface
Other (specify below)
Other (specify below)
Unpaved surface
Storm drain
Other paved surface;Unpaved surface
Storm drain;Street/curb and gutter
Other paved surface
Unpaved surface
Storm drain
Storm drain
Storm drain

Just barely trickling out of M/H down gutter to catch basin.

Rerouted overflowing sewer to the next downstream manhole.

Heavy storm, High winds and heavy rain, creek was flowing like a river.

Heavy storm, high winds and heavy rain, creek was flowing like a river. Sewer main could not handle capacity.

Sewer main is submerged fromn creek inlet being clogged, which has formed a lake.

Spilled into a dry creek

Storm Drain, that leads to a dry creek

Hillside location

Catch basin which is a Sediment basin , sewage was contained within the catch basin and was vaccumed out of the catc

Spill went into a dry creek, clean-up will comence first thing in the morning by flushing the creek and capturing the sewage

Catch basin drains into a dry creek, 50% of sewage was captured and released back into the sanitary sewer system by va

Storm drain

Storm drain captured most SSO volume and transferred almost immediatley to creek.

9/18/2007 0:00	9/18/2007 8:25	9/18/2007 8:35	9/18/2007 8:45
10/26/2007 0:00	10/26/2007 9:48	10/26/2007 10:01	10/26/2007 10:41
11/28/2007 0:00	11/28/2007 10:30	11/28/2007 10:35	11/28/2007 10:40
12/10/2007 0:00	12/10/2007 11:20	12/10/2007 11:30	12/10/2007 11:40
12/18/2007 0:00	12/18/2007 11:20	12/18/2007 11:25	12/18/2007 11:30
1/4/2008 0:00	1/4/2008 11:00	1/4/2008 11:15	1/4/2008 7:30
1/4/2008 0:00	1/4/2008 11:00	1/4/2008 11:15	1/4/2008 19:30
1/4/2008 0:00	1/4/2008 14:30	1/4/2008 14:40	1/4/2008 17:00
1/4/2008 0:00	1/4/2008 11:00	1/4/2008 11:15	1/4/2008 19:30
1/4/2008 0:00	1/4/2008 11:00	1/4/2008 11:15	1/4/2008 19:30
1/4/2008 0:00	1/4/2008 11:00	1/4/2008 11:15	1/4/2008 19:30
1/5/2008 0:00	1/5/2008 14:50	1/5/2008 15:00	1/5/2008 18:00
1/5/2008 0:00	1/5/2008 14:50	1/5/2008 15:00	1/5/2008 18:00
1/5/2008 0:00	1/5/2008 14:50	1/5/2008 15:00	1/5/2008 18:00
1/5/2008 0:00	1/5/2008 14:50	1/5/2008 15:00	1/5/2008 18:00
1/25/2008 0:00	1/26/2008 15:00	1/26/2008 15:30	1/28/2008 21:00
1/25/2008 0:00	1/25/2008 11:20	1/25/2008 11:30	1/25/2008 22:00
1/25/2008 0:00	1/25/2008 11:20	1/25/2008 11:30	1/25/2008 22:00
1/25/2008 0:00	1/25/2008 11:20	1/25/2008 11:30	1/25/2008 22:00
1/25/2008 0:00	1/25/2008 11:20	1/25/2008 11:30	1/25/2008 22:00
1/25/2008 0:00	1/25/2008 11:20	1/25/2008 11:30	1/25/2008 22:00
1/25/2008 0:00	1/25/2008 17:25	1/25/2008 17:40	1/25/2008 21:00
1/25/2008 0:00	1/25/2008 14:20	1/25/2008 14:35	1/25/2008 21:00
2/3/2008 0:00	2/3/2008 9:45	2/3/2008 9:55	2/3/2008 11:30
2/3/2008 0:00	2/3/2008 9:45	2/3/2008 9:56	2/3/2008 11:30
3/4/2008 0:00	3/4/2008 12:45	3/4/2008 12:50	3/4/2008 13:00
3/8/2008 0:00	3/8/2008 14:15	3/8/2008 14:30	3/8/2008 14:50
1/4/2008 0:00	1/4/2008 0:00	1/4/2008 0:00	1/4/2008 0:00
3/17/2008 0:00	3/17/2008 0:00	3/17/2008 0:00	3/17/2008 0:00
4/14/2008 0:00	4/14/2008 0:00	4/14/2008 0:00	4/14/2008 0:00
5/12/2008 0:00	5/12/2008 9:30	5/12/2008 9:35	5/12/2008 0:00
6/9/2008 0:00	6/9/2008 12:05	6/9/2008 12:10	6/9/2008 12:30
6/23/2008 0:00	6/23/2008 8:00	6/23/2008 8:10	6/23/2008 8:15
7/6/2008 0:00	7/6/2008 13:00	7/6/2008 13:15	7/6/2008 14:15
8/9/2008 0:00	8/9/2008 16:30	8/9/2008 16:30	8/9/2008 19:00
8/11/2008 0:00	8/11/2008 11:30	8/11/2008 11:40	8/11/2008 12:30
8/13/2008 0:00	8/13/2008 8:15	8/13/2008 8:30	8/13/2008 9:30
8/18/2008 0:00	8/18/2008 9:20	8/18/2008 9:25	8/18/2008 9:30
8/22/2008 0:00	8/22/2008 10:15	8/22/2008 10:15	8/22/2008 11:45
8/30/2008 0:00	8/30/2008 6:30	8/30/2008 7:00	8/30/2008 8:45
8/31/2008 0:00	8/31/2008 13:00	8/31/2008 13:20	8/31/2008 16:00
8/31/2008 0:00	8/31/2008 16:00	8/31/2008 16:10	8/31/2008 18:00
10/2/2008 0:00	10/2/2008 10:05	10/2/2008 10:10	10/2/2008 10:10
10/9/2008 0:00	10/9/2008 14:00	10/9/2008 14:10	10/9/2008 14:40
10/11/2008 0:00	10/11/2008 1:45	10/11/2008 2:05	10/11/2008 2:25
10/12/2008 0:00	10/12/2008 18:30	10/12/2008 19:00	10/12/2008 21:30
10/19/2008 0:00	10/19/2008 17:50	10/19/2008 18:30	10/19/2008 18:45
11/25/2008 0:00	11/25/2008 7:35	11/25/2008 7:40	11/25/2008 7:50
12/7/2008 0:00	12/7/2008 11:00	12/7/2008 11:10	12/7/2008 11:15
12/27/2008 0:00	12/27/2008 9:00	12/27/2008 9:15	12/27/2008 9:27
1/2/2009 0:00	1/2/2009 12:15	1/2/2009 12:18	1/2/2009 12:00
1/21/2009 9:00	1/21/2009 9:10	1/21/2009 9:15	1/21/2009 9:45
1/24/2009 12:25	1/24/2009 12:30	1/24/2009 12:35	1/24/2009 12:50
2/15/2009 0:00	2/15/2009 9:00	2/15/2009 9:15	2/15/2009 13:00
2/15/2009 9:00	2/15/2009 9:00	2/15/2009 9:15	2/15/2009 13:00

Grease deposition (FOG)
Root intrusion
Root intrusion
Root intrusion
Debris
Flow exceeded capacity
Flow exceeded capacity
Flow exceeded capacity
Flow exceeded capacity
Flow exceeded capacity
Flow exceeded capacity
Flow exceeded capacity
Flow exceeded capacity
Flow exceeded capacity
Flow exceeded capacity
Other (specify below)
Flow exceeded capacity
Flow exceeded capacity
Flow exceeded capacity
Flow exceeded capacity
Flow exceeded capacity
Flow exceeded capacity
Flow exceeded capacity
Flow exceeded capacity
Flow exceeded capacity
Other (specify below)
Grease deposition (FOG)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Other (specify below)
Grease deposition (FOG)
Grease deposition (FOG)
Root intrusion
Root intrusion
Root intrusion
Other (specify below)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Other (specify below)
Debris
Grease deposition (FOG)
Other (specify below)
Root intrusion
Debris
Root intrusion
Root intrusion
Root intrusion
Flow exceeded capacity
Flow exceeded capacity

Heavy thunder storms.
Heavy thunder storms.

Creek inlet plugged up causing a lake to form and submerged our sewer main by about 15' of water. Main could not handle

swifter towels, clogging mouth of channel.

swifter towels

Lots of papers

Root intrusion and heavy paper debris
Line had already freed itself by the time we got there.

1030 Parrot Drive had a plumber clearing blockage out of residents lateral on Thursday, October 9, 2008, and appears that

papers

le all the creek water and caused manhole's to

Main
Main
Main

Main

Main
Main

Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main

Other (specify below)
Main
Other (specify below)

back up.

Manhole

Manhole

6 clay
6 clay
6 liner
6 clay
8 clay
8 clay
8 clay
15 clay
15
15
15 clay
8 clay
8 clay
15 clay
15 liner
6 clay
15 Liner
15 Liner
15 clay
8 clay
8 clay
clay
8 clay
15 clay
8 clay
6 clay
6 liner
6 clay
6 clay
6 clay
6 clay
6

6 clay

6 VCP
6 VCP
6 VCP
6 clay
6 vcp
6 CIPP-Lined VCP
6 VCP
6 liner
6 vcp
6 VCP
6 VCP

6 clay
6 vcp
15 HDPE
8 clay

50
50
5
40
50
44
44
45

44
45
45
45
15
45
15
15
45
45
45
45

45
45
40
6
32
45
44
40

40

40
45
2

10
35

6
45
10
50

ED 006495 00001080-02504

Cleaned up after storm subsided and flows returned to near normal.
Cleaned up after storm subsided and flows returned to near normal.

Cleaned up after storm subsided.
Cleaned up after storm subsided.
Cleaned up after storm subsided.

Pumping creek water over the hill back into the storm drains and slowly bringing the water level back down to below the s

Manhole located in steep easement area that is inaccessible to mechanical cleaning equipment. Crews cleaned all above
Vaccumed up all sewage discharged into catch basin and returned it to the sewer system.
Will be cleaning/ mitigating spill and clean up in morning when there is daylight to be able to work, the terrain and darkne

Steep embankment preventing the jet truck being used for cleanup.
Jet truck vacuumed spill from storm drain-clean up began on arrival, volume checked from point of arrival.
Posted warning signs, and barricades, sand bagged manhole covers.
Posted health warning signs, barricades, and sand bags on manhole covers.

11/28/2007 0:00

1/4/2008 8:30
1/4/2008 20:30
1/4/2008 18:30
1/4/2008 20:30
1/4/2008 20:30
1/4/2008 20:30
1/7/2008 9:00
1/7/2008 9:00
1/7/2008 9:00
1/7/2008 9:00
1/28/2008 18:00
1/28/2008 9:00
1/28/2008 9:00
1/25/2008 9:00
1/28/2008 9:00
1/25/2008 9:00
1/28/2008 8:10
1/25/2008 21:30
2/4/2008 8:40
2/4/2008 8:40

3/8/2008 15:30

6/9/2008 12:40

7/6/2008 14:00

8/22/2008 11:45
8/30/2008 8:45
8/31/2008 16:00
8/31/2008 18:00
10/2/2008 10:44

10/13/2008 17:00

11/25/2008 8:20

12/27/2008 9:45

1/24/2009 13:30
2/15/2009 13:00
2/15/2009 13:00

Other (specify below)

Other (specify below)

Other (specify below)

Other (specify below)

Other (specify below)

Other (specify below)

Other (specify below)

Other (specify below)

Other (specify below)

Other (specify below)

Other (specify below)

Other (specify below)

Plan rehabilitation or replacement of sewer

Plan rehabilitation or replacement of sewer

Plan rehabilitation or replacement of sewer

Plan rehabilitation or replacement of sewer

Plan rehabilitation or replacement of sewer

Other (specify below)

Other (specify below)

Plan rehabilitation or replacement of sewer

Plan rehabilitation or replacement of sewer

Adjusted schedule/method of preventive maintenance

Other (specify below)

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Other (specify below)

Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance;Plan rehabilitatic

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Plan rehabilitation or replacement of sewer

Plan rehabilitation or replacement of sewer

Will TV main line to see why their is root intrusion on the new liner.

Future upgrade of sewer main when all responsible parties and Water Regional Board can come up with an agreement.
Future upgrade of sewer main when all responsible agencies and Water Regional Board can come up with an agreement.
To much heavy rain and runoff.
Futre upgrade of sewer main when all cities and Regional Board can come up with an agreement.
Future upgrade of sewer main when all cities and Water Regional Board can come up with an agreemnt.
Future upgrade of sewer main when all agencies and Water Regional Board can come up with an agreement.
Once all Responsible agencies and the Water Regional Board can come up with an agreement. Then we can do a future
Future upgrade of sewer main when all responsible agencies, and the Water Board can come up with an agreement.
Future upgrade of sewer main when all responsible agencies, and the Water Board can come up with an agreement.
Future upgrade of sewer main when all responsible agencies, and Water Board can come to an agreement.
To try and keep creek inlet pipes free and clear from flowing debri.
When all responsible agencies and the Regional Water Board can come up with an agreement.
When all responsible agencies and the Water Regional Board can come up with an agreement.
When all responsible agencies and the Water Regional Board can come to an agreement.
When all responsible agencies and Regional Water Board can come up with an agreement.
When all responsible agencies and the Water Regional Board can come to an agreement.
To much heavy rain and runoff.
Checking sewer lift station pump data, to see why they were having trouble keeping up with the flow, even though it was r
When all responsible agencies and the Water Regional Board can come up with an agreemnt.
When All Responsible Agencies And The Water Regional Board Can Come Up With An Agreement.

Will be adding Smartcover device to manhole.

Will foam this section of pipe.

Line to rodded every six months and be included in foaming program spring 2009.
Main scheduled for replacement by 2013.

No

No
No
No
No
No
No
No
No
No
No
Yes
No
No
No
No
No
No
Yes
No
No

Yes

No

No

No
No
No
No
No

No

No

No

No
No
No

Creek flowing like a river.
Creek flowing like a river and very dangerous.

Creek was clean and flowing like a river.
Creek was clean and flowing like a river.

Creek was running full and clear.
Creek was running full and clear.
Creek was running full and clear.
Creek was running clear and full.

Did not reach the waters of the state
Sewage is contained in a dry creek, no flow of water is in the creek, sewage was cleaned up at daylight of Monday, October

Did not impact receiving waters.

SSO was quickly diluted by creek with heavy flows from the storm.
SSO was quickly diluted by creek which had heavy flows from storm.

No

No
No
No
No
No
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No
No
No
No

No

No

No

No
No
No
No
No

No

No

No

No
Yes
Yes

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

NA

NA

NA

NA

NA

N/A

N/A

NA

NA

N/A

n/a

NA

NA

NA

NA

NA

NA

NA

N/A

N/A

N/A

San Mateo Creek
San Mateo Creek
N/A
San Mateo Creek
San Mateo Creek
San Mateo Creek
San Mateo Creek
San Mateo Creek
San Mateo Creek
San Mateo Creek
Redington Creek
San Mateo Creek
San Mateo Creek
San Mateo Creek
San Mateo Creek
San Mateo Creek
NA
NA
San Mateo Creek
San Mateo Creek

N/A

na

NA

n/a
n/a
NA
NA
NA

NA

NA

NA

NA
San Mateo Creek
San Mateo Creek

Not applicable to this spill

No water quality samples taken
No water quality samples taken
Not applicable to this spill
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken
Not applicable to this spill
Not applicable to this spill
Not applicable to this spill
No water quality samples taken

Not applicable to this spill

Not applicable to this spill

Not applicable to this spill

Not applicable to this spill
No water quality samples taken
No water quality samples taken

None of the above

None of the above
None of the above
None of the above
None of the above
None of the above
None of the above
None of the above
None of the above
None of the above
None of the above
None of the above
None of the above
None of the above
None of the above
None of the above
None of the above
None of the above
No water quality samples taken
No water quality samples taken
None of the above
None of the above

None of the above

None of the above

None of the above

None of the above
Not applicable to this spill
Not applicable to this spill
Not applicable to this spill
None of the above

None of the above

None of the above

None of the above

None of the above
None of the above
None of the above

80155	1/5/2008 10:00
80156	1/5/2008 10:00
80157	1/5/2008 10:00
80153	1/5/2008 10:00
80152	1/5/2008 10:00
80154	1/5/2008 10:00
8252	1/7/2008 15:15
8251	1/7/2008 15:15
80250	1/7/2008 15:15
80249	1/7/2008 15:15
80842	1/28/2008 11:30
80767	1/26/2008 14:00
80768	1/26/2008 14:10
80769	1/26/2008 14:15
80770	1/26/2008 14:20
80771	1/26/2008 14:22
80773	1/26/2008 14:25
80774	1/26/2008 14:27
81061	2/4/2008 10:40
81062	2/4/2008 10:00

81915

84109	6/9/2008 13:54
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84959	
85781	8/9/2008 19:20
85824	8/11/2008 16:15
85877	8/13/2008 9:50
86035	8/18/2008 16:00
86139	8/22/2008 16:15
86349	8/30/2008 9:30
86370	8/31/2008 17:53
86376	8/31/2008 17:58
87127	10/2/2008 11:30
87322	10/9/2008 16:20
87358	10/11/2008 5:17
87373	10/12/2008 0:00
87547	10/20/2008 9:15
88428	11/25/2008 9:24
88752	12/8/2008 9:25
89168	12/27/2008 10:59

90627	1/21/2009 16:10
90739	1/24/2009 14:53
91284	2/15/2009 10:47
91285	2/15/2009 10:47

2SSO10142	Active	733560 Tony Geraldi	Certified
2SSO10142	Active	733979 Tony Geraldi	Certified
2SSO10142	Active	734285 Tony Geraldi	Certified
2SSO10142	Active	734400 Tony Geraldi	Certified
2SSO10142	Active	734417 thomas barry	Certified
2SSO10142	Active	734451 Tony Geraldi	Certified
2SSO10142	Active	734541 Tony Geraldi	Certified
2SSO10142	Active	736313 TONY GERALDI	Certified
2SSO10142	Active	736552 Tony Geraldi	Certified
2SSO10142	Active	736555 Tony Geraldi	Certified
2SSO10142	Active	736926 Tony Geraldi	Certified
2SSO10142	Active	737067 Tony Geraldi	Certified
2SSO10142	Active	737294 Tony	Certified
2SSO10142	Active	740158 Tony Geraldi	Certified
2SSO10142	Active	740878 Tony Geraldi	Certified
2SSO10142	Active	742501 Tony Geraldi	Certified
2SSO10142	Active	743066 Tony Geraldi	Certified
2SSO10142	Active	743081 Tony Geraldi	Certified
2SSO10142	Active	745653 Tony Geraldi	Certified
2SSO10142	Active	745740 Tony Geraldi	Certified
2SSO10142	Active	746282 Tony Geraldi	Certified
2SSO10142	Active	746575 Tony Geraldi	Certified
2SSO10142	Active	746603 Tony Geraldi	Certified
2SSO10142	Active	746867 Tony Geraldi	Certified
2SSO10142	Active	747143 Tony Geraldi	Certified
2SSO10142	Active	747254 Tony Geraldi	Certified
2SSO10142	Active	748420 Tony Geraldi	Certified
2SSO10142	Active	748455 Tony Geraldi	Certified
2SSO10142	Active	748523 Tony Geraldi	Certified
2SSO10142	Active	748768 Tony Geraldi	Certified
2SSO10142	Active	748979 Tony Geraldi	Certified
2SSO10142	Active	749275 Tony Geraldi	Certified
2SSO10142	Active	749717 Tony Geraldi	Certified
2SSO10142	Active	750816 Tony Geraldi	Certified
2SSO10142	Active	751548 Tony Geraldi	Certified
2SSO10142	Active	751735 Tony Geraldi	Certified
2SSO10142	Active	751779 Tony Geraldi	Certified
2SSO10142	Active	751782 Tony Geraldi	Certified
2SSO10142	Active	753209 Tony Geraldi	Certified
2SSO10142	Active	753282 Tony Geraldi	Certified
2SSO10142	Active	753734 Tony Geraldi	Certified
2SSO10142	Active	754030 Tony Geraldi	Certified
2SSO10142	Active	755704 Tony Geraldi	Certified
2SSO10142	Active	756104 Tony Geraldi	Certified
2SSO10142	Active	756885 Tony Geraldi	Certified
2SSO10142	Active	757190 Tony Geraldi	Certified
2SSO10142	Active	758189 Tony Geraldi	Certified
2SSO10142	Active	759202 Tony Geraldi	Certified
2SSO10142	Active	759541 Tony Geraldi	Certified
2SSO10142	Active	759555 Tony Geraldi	Certified
2SSO10142	Active	759635 Tony Geraldi	Certified
2SSO10142	Active	759637 Tony Geraldi	Certified
2SSO10142	Active	759936 Tony Geraldi	Certified
2SSO10142	Active	760003 Tony Geraldi	Certified
2SSO10142	Active	760004 Tony Geraldi	Certified

[illegible]

home

9:17 A.M.

3:31 P.M.
8:10 A.M.
9:03 A.M.

12:25	206011
14:41	106016
9:08	446551
11:07	930075
	343703
10:42	671986
10:50	752911
12:22	373984
16:11	430445
15:41	278353
11:50	490408
16:04	524764
11:43	277458
13:45	753150
15:22	289342
12:29	787734
12:38	797932
12:45	989702
16:30	817936
16:16	515853
15:54	287864
10:23	107111
10:37	660365
10:41	677960
10:16	982348
10:44	319502
	706014
10:10	553954
10:04	551414
9:57	912826
9:32	165555
9:28	272249
9:24	380483
9:17	195246
8:55	525809
9:10	494388
8:47	647320
8:39	545755
8:29 AM	589463
8:33 AM	944894
8:37 AM	199048
8:42 AM	590702
8:21 AM	134078
8:16 AM	457168
12:13	762306
12:19	506078
12:23	353523
12:36	724172
10:36	348413
10:47	643426
11:51	657269
11:36	304336
	914478
	397641
	870981

16-Feb-09		24-Feb-09	2/24/2009
23-Feb-09		24-Feb-09	2/24/2009
27-Feb-09		22-May-09	5/22/2009
27-Feb-09		22-May-09	5/22/2009
28-Feb-09		28-Feb-09	2/28/2009
2-Mar-09		22-May-09	5/22/2009
3-Mar-09		22-May-09	5/22/2009
14-Apr-09		10-Dec-09	12/10/2009
21-Apr-09		19-May-09	5/19/2009
21-Apr-09		19-May-09	5/19/2009
28-Apr-09		19-May-09	5/19/2009
4-May-09		19-May-09	5/19/2009
11-May-09		19-May-09	5/19/2009
29-Jun-09		29-Jun-09	6/29/2009
8-Jul-09		30-Jul-09	7/30/2009
5-Aug-09		10-Dec-09	12/10/2009
14-Aug-09		10-Dec-09	12/10/2009
14-Aug-09		10-Dec-09	12/10/2009
15-Oct-09		2-Nov-09	11/2/2009
19-Oct-09		2-Nov-09	11/2/2009
28-Oct-09		2-Nov-09	11/2/2009
5-Nov-09		21-Jan-10	1/21/2010
5-Nov-09		21-Jan-10	1/21/2010
19-Nov-09		21-Jan-10	1/21/2010
27-Nov-09		21-Jan-10	1/21/2010
2-Dec-09		21-Jan-10	1/21/2010
19-Jan-10		1-Feb-11	2/1/2011
20-Jan-10		26-May-10	5/26/2010
21-Jan-10		26-May-10	5/26/2010
25-Jan-10		26-May-10	5/26/2010
1-Feb-10		26-May-10	5/26/2010
10-Feb-10		26-May-10	5/26/2010
23-Feb-10		26-May-10	5/26/2010
21-Mar-10		26-May-10	5/26/2010
13-Apr-10		26-May-10	5/26/2010
15-Apr-10		26-May-10	5/26/2010
20-Apr-10		26-May-10	5/26/2010
20-Apr-10		26-May-10	5/26/2010
8-Jun-10	6/8/2010	18-Aug-10	8/18/2010
10-Jun-10	6/10/2010	18-Aug-10	8/18/2010
22-Jun-10	6/22/2010	18-Aug-10	8/18/2010
28-Jun-10	6/28/2010	18-Aug-10	8/18/2010
3-Aug-10	8/18/2010	18-Aug-10	8/18/2010
17-Aug-10	8/17/2010	18-Aug-10	8/18/2010
19-Sep-10	9/19/2010	22-Dec-10	12/22/2010
27-Sep-10	9/27/2010	22-Dec-10	12/22/2010
27-Oct-10	10/27/2010	22-Dec-10	12/22/2010
9-Dec-10	12/9/2010	22-Dec-10	12/22/2010
18-Dec-10	12/18/2010	22-Dec-10	12/22/2010
19-Dec-10	12/19/2010	22-Dec-10	12/22/2010
20-Dec-10	12/20/2010	22-Dec-10	12/22/2010
20-Dec-10	12/20/2010	22-Dec-10	12/22/2010
28-Dec-10	12/28/2010	28-Dec-10	12/28/2010
30-Dec-10	12/30/2010	30-Dec-10	12/30/2010
30-Dec-10	12/30/2010	30-Dec-10	12/30/2010

Category 1	9900	0
Category 1	3000	0
Category 3	850	0
Category 3	50	50
Category 3	45	0
Category 1	1200	0
Category 1	3000	0
Category 3	40	0
Category 3	20	3
Category 3	40	10
Category 3	20	0
Category 3	100	75
Category 3	30	5
Category 3	25	10
Category 3	25	10
Category 1	750	500
Category 3	75	25
Category 3	500	450
Category 1	12000	0
Category 3	100	100
Category 3	3	0
Category 3	35	10
Category 3	65	10
Category 3	5	2
Category 3	50	0
Category 3	15	5
Category 1	22500	0
Category 1	38250	5000
Category 1	74400	1000
Category 1	108000	67200
Category 3	25	8
Category 3	100	0
Category 3	250	5
Category 2	6000	100
Category 1	9000	7000
Category 3	30	10
Category 3	80	20
Category 1	450	0
Category 3	20	0
Category 3	30	10
Category 3	80	0
Category 3	20	5
Category 3	225	0
Category 3	40	35
Category 1	535	0
Category 3	2	0
Category 3	30	5
Category 1	1200	0
Category 1	1350	0
Category 1	135000	121500
Category 1	2775	0
Category 1	2900	0
Category 1	46500	41850
Category 1	37500	0
Category 2	12000	0

9900 Yes	Yes
3000 Yes	Yes
0 No	No
0 Yes	Yes
0 No	No
1200 Yes	Yes
3000 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	Yes
0 No	No
0 No	No
0 No	No
250 Yes	Yes
0 No	No
0 No	No
12000 Yes	Yes
0 No	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
22500 Yes	Yes
33250 Yes	Yes
73400 Yes	Yes
40800 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	Yes
2000 Yes	Yes
0 No	No
0 No	Yes
450 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
535 No	Yes
0 No	No
0 No	No
1200 Yes	Yes
1350 Yes	Yes
13500 Yes	No
2775 No	Yes
2900 Yes	Yes
4650 Yes	Yes
37500 Yes	Yes
0 No	Yes

No
No
Not Applicable - Spill did not reach storm drainpipe
Yes
Not Applicable - Spill did not reach storm drainpipe
No
No
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Yes
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
No
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
No
Yes
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
No
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
No
No
Not Applicable - Spill did not reach a separate storm drainpipe
No
No
No
No
No

1040 Crystal Springs
El Cerrito Rd.
Hillsborough
Hillsborough
45 Willard av
777 El Cerrito
manhole
Hillsborough
Hillsborough
Hillsborough
Hillsborough
745 Clydesdale Dr.
Hillsborough
Hillsborough
Hillsborough
Hillsborough
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Hillsborough
1460 Buckingham Way
Hillsborough
777 el cerrito ave manhole
777 El Cerrito Ave manhole
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HILLSBOROUGH
1835 Willow Road
Hillsborough
Hillsborough
Hillsborough
Hillsborough
Hillsborough
Hillsborough
Hillsborough
810 Darrell Road
Hillsborough
35 Brooke Court
Hillsborough
Hillsborough
Hillsborough
720 Chateau Drive
777 El Cerrito Avenue
1980 Forrestview Drive
1110 Hayne Road
Hillsborough
1040 Crystal Springs Rd/ Merner
Hillsborough

37.5483	122.3464 San Mateo
37.555	122.339 San Mateo
37.5628	-122.3727 San Mateo
37.5696	-122.3619 San Mateo
37.555638	122.349465 San Mateo
37.555	-122.339 San Mateo
37.555	-122.339 San Mateo
37.5648	-122.3593 San Mateo
37.5717	-122.3555 San Mateo
37.5594	-122.3794 San Mateo
37.574	-122.3692 San Mateo
37.547491	-122.331186 San Mateo
37.5533	-122.3692 San Mateo
37.5476	-122.359 San Mateo
37.555	-122.339 San Mateo
37.5691	-122.3595 San Mateo
37.5317	-122.3585 San Mateo
37.5337	-122.3547 San Mateo
37.55301	-122.33993 San Mateo
37.5576	-122.35921 San Mateo
37.55308	-122.37052 San Mateo
37.57076	-122.37535 San Mateo
37.55961	-122.36885 San Mateo
37.55534	-122.3401 San Mateo
37.535938	-122.354681 San Mateo
37.53957	-122.35525 San Mateo
37.5549	-122.339 San Mateo
37.5549	-122.339 San Mateo
37.55293	-122.33952 San Mateo
37.55293	-122.33952 San Mateo
37.56332	-122.36561 San Mateo
37.55021	-122.34082 San Mateo
37.54769	-122.34279 San Mateo
37.5756	-122.363244 San Mateo
37.55293	-122.33952 San Mateo
37.56753	-122.35758 San Mateo
37.5736	-122.37987 San Mateo
37.55586	-122.33881 San Mateo
37.55956	-122.34379 San Mateo
37.5556	-122.34169 San Mateo
37.55431	-122.35663 San Mateo
37.57458	-122.36772 San Mateo
37.559409	-122.379449 San Mateo
37.55433	-122.33943 San Mateo
37.534855	-122.34128 San Mateo
37.55224	-122.35019 San Mateo
37.55556	-122.37061 San Mateo
37.55327	-122.33974 San Mateo
37.557681	-122.374011 San Mateo
37.554773	-122.339023 San Mateo
37.578052	-122.366013 San Mateo
37.55389	-122.357182 San Mateo
37.55433	-122.33943 San Mateo
37.54868	-122.3461 San Mateo
37.57734	-122.36735 San Mateo

[illegible]

Easement area
manhole

End of driveway in the easement area.
In dirt parking strip area.
In easement location.

Backyard

Manhole behind 745 Clydesdale Drive, in easement, surcharged and spilled into landscape area where some of sewage v
Easement area in backyard.

Street

In easement area.

Parking strip area off road way.

Behind property on Crystal Springs Drive.

Behind property on Crystal Springs Rd.

Road Shoulder

Corporation yard wash rack area.

Parking strip area.

Easement, firetrail area.

Easement area inside property.

Homeowners Yard

Easement behind 1460 Buckingham Way, sewer main runs along backside of property.

Manhole

manhole

manhole

Road Shoulder

Road Shoulder

Road shoulder

Roadway

PRIVATE DRIVEWAY MANHOLE OVER FLOW

Manhole in front of 1835 Willow Road, sewage was discharging at an approximate rate of 5 gpm. Total gallons reported w

Road Shoulder

Backyard easement

Roadway

San Mateo Creek

Easement area

backyard cleanout

Spill was located in an easement on a flat grassy area. The sewage did not reach any drainage channel, it ponded in the
Road shoulder

Spill discharged out of a manhole in front of 35 Brooke Court. Approximately 535 gallons discharged out of the manhole e

Manhole in lthe intersection.

Road shoulder/spill happened in the middle of the night., not overflowing when I found it. Water was below the manhole i
Spill discharged out of a manhole in front of 720 Chateau Drive in the roadway.

Spill discharged out of a manhole in front of 777 El Cerrito Avenue, Hillsborough,, in the roadway, Hillsborough Sewer Div

Spill discharged out of a manhole in the roadway in front of 1980 Forrestview Drive during a major rain event (storm).

Spill discharged out of a manhole in the roadway in front of 1110 Hayne Road due to a major rain event (storm), the flow

Road shoulder

Road shoulder

Manhole in the middle of the roadway in front of 1980 Forestview.

water trickled down the gutter to a catch

were based on residents statement, who

area around the manhole. Crew was able
and into a catch basin. The blockage was

rim, but noticed papers and grey matter
division staff built a diversion dam so that
exceeded capacity in the system. Apprc

Manhole
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Gravity sewer
Gravity sewer
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Manhole
Manhole
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Other (specify)
Manhole
Manhole
Gravity sewer
Other (specify)
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Other sewer system structure
Gravity sewer
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Other sewer system structure
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Manhole
Gravity sewer;Manhole
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Gravity sewer;Manhole
Manhole
Manhole
Manhole

Manhole

water sitting on top of manhole lid.

Manhole in hilly eaesement area. Steep terrain, can not get equipment back there.

Same as above

Manhole behind 745 Clydesdale Drive, in easement.

See above

Wet spot in the street.

see above

Wash rack grate that is tied into lift station pit.

See above

See above

Seeping out of ground on trail.

Cleanout

see above

See above

See above

See above

SEE ABOVE

See above

See above

See above

See above

M/H

See above

see above

See above

See #16-Spill Location Description

See above

See above

See above

see above

This manhole has a SMART cover device to alarm for surcharges, although the antenna is defective and has been on orc

See above

See above

See above

Surface water
Surface water
Unpaved surface
Storm drain
Unpaved surface
Storm drain
Storm drain
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Storm drain;Street/curb and gutter;Unpaved surface
Unpaved surface
Other paved surface
Unpaved surface
Storm drain
Other paved surface
Street/curb and gutter
Surface water
Other (specify below)
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Street/curb and gutter
Separate storm drain
Storm drain
Surface water
Surface water
Unpaved surface
Other paved surface
Unpaved surface
Storm drain
Surface water
Unpaved surface
Storm drain
Surface water
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Separate storm drain
Other paved surface
Other paved surface
Surface water
Other (specify below)
Street/curb and gutter;Other (specify below)
Separate storm drain
Separate storm drain;Surface water
Surface water
Surface water
Unpaved surface

Flow traveled from manhole to side of road and down embankment to San Mateo Creek. Bulk of volume entered San Ma
SSO transferred to storm drain and into creek.
City easement area.
Vaccumed out of catch basin and returned to the sanitary sewer system.

Easement area in the dirt.
Dirt parking strip area.

Backyard easement area.

Trickled out in easment area.

Back in lift station pit.
In dirt parking strip area.
On Firetrail easement area.
Easement area dirt trail.

Spill discharged onto neighbors hillside onto dirt, where 100% of sewage water soaked into the dirt and grey matter (toilet
See above

Flow exceeding capacity. Bypassing about 80% of surcharge to the downstream manhole which was about seventy perce
Cleaned up disinfected area after removing top soil.

SPILLED FROM DRIVEWAY TO UNPAVED SURFACE

See above
Grass in backyard
Soaked into the ground at the end of the storm drain outfall pipe.
See above
See above
See above
See above
Easement
See above
See #16-Spill Location Description
See above
Dry seasonal creek
See above

See above
Private lake, Crocker Lake, in Hillsborough. This lake is used strictly for irrigation for the Burlingame Country Club Golf C
10% of the sewage not recovered was washed down with rain water in the gutters during periods of rain, estimating the vc

Cherry Creek in Hillsborough
About 10% of sewage mixed with rain water that was not recovered went down storm sewer to the creek. About 90% of se
Flow exceeded capacity during heavy rain event.
SSO flowed into unpaved swale along side of the roadway.

2/15/2009 0:00	2/15/2009 16:30	2/15/2009 16:50	2/15/2009 22:00
2/22/2009 0:00	2/22/2009 14:25	2/22/2009 14:40	2/22/2009 16:30
2/26/2009 16:15	2/26/2009 16:20	2/26/2009 16:30	2/26/2009 16:45
2/27/2009 11:15	2/27/2009 11:18	2/27/2009 11:20	2/27/2009 11:25
2/28/2009 12:30	2/28/2009 12:35	2/28/2009 13:00	2/28/2009 13:15
3/2/2009 11:15	3/2/2009 11:30	3/2/2009 11:50	3/2/2009 15:15
3/3/2009 14:45	3/3/2009 14:45	3/3/2009 14:45	3/3/2009 16:45
4/13/2009 8:35	4/13/2009 8:45	4/13/2009 8:58	4/13/2009 9:10
4/20/2009 7:55	4/20/2009 8:15	4/20/2009 8:20	4/20/2009 8:30
4/20/2009 9:15	4/20/2009 9:30	4/20/2009 9:40	4/20/2009 9:55
4/28/2009 10:45	4/28/2009 10:45	4/28/2009 10:50	4/28/2009 11:00
5/3/2009 17:50	5/3/2009 17:50	5/3/2009 18:20	5/3/2009 19:50
5/10/2009 12:30	5/10/2009 13:00	5/10/2009 13:25	5/10/2009 14:00
6/28/2009 18:35	6/28/2009 18:40	6/28/2009 19:00	6/28/2009 19:05
7/8/2009 11:45	7/8/2009 11:59	7/8/2009 12:12	7/8/2009 12:15
8/4/2009 12:15	8/4/2009 12:18	8/4/2009 12:20	8/4/2009 12:30
8/13/2009 4:00	8/13/2009 4:00	8/13/2009 4:10	8/13/2009 4:15
8/14/2009 10:10	8/14/2009 14:30	8/14/2009 10:10	8/14/2009 10:20
10/13/2009 0:00	10/13/2009 13:30	10/13/2009 13:45	10/13/2009 15:30
10/13/2009 13:10	10/13/2009 13:15	10/13/2009 13:15	10/13/2009 13:20
10/26/2009 15:05	10/26/2009 15:15	10/26/2009 15:20	10/26/2009 15:27
10/31/2009 10:00	10/31/2009 10:05	10/31/2009 10:30	10/31/2009 10:47
11/4/2009 15:45	11/4/2009 16:00	11/4/2009 16:20	11/4/2009 17:50
11/17/2009 15:20	11/17/2009 15:25	11/17/2009 15:30	11/17/2009 16:00
11/26/2009 17:00	11/26/2009 18:00	11/26/2009 18:25	11/26/2009 18:35
11/23/2009 9:50	11/23/2009 9:50	11/23/2009 9:55	11/23/2009 10:05
1/19/2010 0:00	1/19/2010 6:30	1/19/2010 7:30	1/19/2010 11:30
1/19/2010 0:00	1/19/2010 15:00	1/19/2010 7:30	1/19/2010 15:00
1/20/2010 0:00	1/20/2010 7:30	1/20/2010 8:00	1/20/2010 15:00
1/21/2010 0:00	1/21/2010 9:15	1/21/2010 9:15	1/23/2010 11:00
1/30/2010 8:47	1/30/2010 9:05	1/30/2010 9:25	1/30/2010 9:40
2/10/2010 7:45	2/10/2010 7:46	2/10/2010 7:53	2/10/2010 8:05
2/23/2010 9:35	2/23/2010 9:35	2/23/2010 9:40	2/23/2010 9:45
3/20/2010 12:00	3/21/2010 9:00	3/21/2010 9:25	3/21/2010 9:45
4/12/2010 0:00	4/12/2010 14:15	4/12/2010 14:30	4/12/2010 17:00
4/6/2010 15:55	4/6/2010 16:15	4/6/2010 16:22	4/6/2010 16:33
4/17/2010 15:00	4/17/2010 15:30	4/17/2010 15:55	4/17/2010 17:00
4/17/2010 11:00	4/17/2010 11:15	4/17/2010 11:44	4/17/2010 12:30
6/8/2010 0:00	6/8/2010 10:00	6/8/2010 10:09	6/8/2010 10:25
6/7/2010 0:00	6/7/2010 16:15	6/7/2010 16:20	6/7/2010 16:40
6/21/2010 0:00	6/21/2010 17:05	6/21/2010 17:10	6/21/2010 21:15
6/28/2010 0:00	6/28/2010 9:15	6/28/2010 9:25	6/28/2010 9:50
8/2/2010 0:00	8/2/2010 6:10	8/2/2010 6:35	8/2/2010 6:55
8/17/2010 0:00	8/17/2010 9:25	8/17/2010 9:35	8/17/2010 9:47
9/19/2010 0:00	9/19/2010 17:00	9/19/2010 17:55	9/19/2010 18:17
9/27/2010 0:00	9/27/2010 15:05	9/27/2010 15:15	9/27/2010 0:15
10/20/2010 0:00	10/20/2010 14:35	10/20/2010 14:40	10/20/2010 14:45
12/8/2010 0:00	12/9/2010 6:05	12/9/2010 6:05	12/9/2010 1:30
12/18/2010 14:18	12/18/2010 14:18	12/18/2010 14:55	12/18/2010 15:12
12/19/2010 0:00	12/19/2010 6:55	12/19/2010 6:55	12/19/2010 20:05
12/19/2010 0:00	12/19/2010 7:44	12/19/2010 7:44	12/19/2010 9:35
12/19/2010 0:00	12/19/2010 8:20	12/19/2010 8:20	12/19/2010 10:16
12/25/2010 0:00	12/25/2010 15:45	12/25/2010 16:05	12/25/2010 23:59
12/28/2010 0:00	12/28/2010 18:15	12/28/2010 18:15	12/29/2010 1:00
12/28/2010 0:00	12/28/2010 22:55	12/28/2010 22:55	12/28/2010 12:40

Flow exceeded capacity
Flow exceeded capacity
Root intrusion
Grease deposition (FOG)
Root intrusion
Flow exceeded capacity
Flow exceeded capacity
Grease deposition (FOG)
Debri-Rags
Grease deposition (FOG)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Pipe structural problem/failure
Root intrusion
Debri-General
Debri-General
Flow exceeded capacity
Other (specify below)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Debri-General
Debri-General
Flow exceeded capacity (Seperate CS Only)
Flow exceeded capacity
Flow exceeded capacity
Flow exceeded capacity
Debri-Rags
Debri-General
Debri-Rags
Debri-General
Flow exceeded capacity
Grease deposition (FOG)
Root intrusion
Debri-General
Pipe structural problem/failure
Root intrusion
Root intrusion
Root intrusion
Debri-Rags
Debri-Rags
Grease deposition (FOG)
Root intrusion
Root intrusion
Flow exceeded capacity (Seperate CS Only)
Debri-General
Flow exceeded capacity (Seperate CS Only)
Flow exceeded capacity (Seperate CS Only)
Flow exceeded capacity (Seperate CS Only)
Rainfall exceeded design (Seperate CS Only)
Flow exceeded capacity (Seperate CS Only)
Flow exceeded capacity (Seperate CS Only)

Moderate root growth in manhole.
Also roots, and debris.

Capacity issue on Crystal Springs El Cerrito Trunk, subject of CDO Re-2009-0020

grease buildup in the mainline.
Swifter type towels and some minor roots.
grease and some root.

Roots

Crew hit one small root ball in the main.
Seperation in pipe.
Root growing in the bottom of the manhole.

See above.

Power outage in corp yard, backup generator had a weak battery and had to be jump started. Causing the sewer lift statio
Four inch private root pulled out of bottom of the manhole that was blocking the channel.
Area was just recently chemically root foamed, something might have broken off and caused the main line to back up.
See above.
Main line clogged with root intrusion after c/o tie in.

See above

See above

This total also includes four hrs. of 100gpm flowing out of Crystal Springs Rd. trunk main line MH. = 24000 gallons addex
Swifter towels, and some roots.
See above

See above

See above

See above

See above

Broken pipe from upper section of main.

See above

See above

Very flat line rags and little grease.

Line was chemicaly root foamed about three weeks earlier and some decayed root s fell off and clogged up the manhole.
See above
See above

Rain event (storm) flow exceeded capacity

Rainfall exceeded pipe capacity.

See above

Flow exceeded capacity during heavy rain event.

Main
Main
Main

[illegible][illegible]

Manhole

Manhole/ see above

See above

Main line

mainline

See spill cause box.

Only two houses were on the line, One house was empty and nobody was home at the other house. So very little came c
Inside the manhole

Corp yard wash rack is tied into the sewer lift station pit, when power failed station backed up and started coming out the '

See above.

The total SSO volume includes two manholes on Crystal Springs Rd. also surcharging for two hrs. each. All part of Cryst:

See #26

See above

RAINY DAY

see above

See above

See above

	15 HDPE
	15 clay
	6 clay
	6 clay
	15 clay
	15 Clay
	6 VCP
	12 vcp
	6 vcp
	6 clay
	8 VCP
	6 liner
	6 clay
out.	6 ductile
	10
	6 vcp
	15 VCP
wash rack grate. All sewer st	
	6 VCP
	6 VCP
	6 VCP
	6 VCP
	6 D.I.
	6 VCP
	15 VCP
	15 VCP
al Springs trunk main line.	15 VCP
	15 VCP
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	6 VCP
	6 Lined VCP
	15 VCP
	6 VCP
	6 VCP
	15 VCP
	8 liner
	6 VCP
	6 VCP
	6 VCP
	6 VCP
	8 VCP
	6 VCP
	6 VCP
	6 VCP
	15 VCP
	6 VCP
	15 VCP
	6 VCP
	6 Lined VCP
	15 VCP
	15 liner
	6 VCP

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Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Restored flow
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill); Contained all or portion of spill; Restored flow; Returned all or portion of spill to sanitary sewer system
Cleaned-up (mitigated effects of spill)
Contained all or portion of spill
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Contained all or portion of spill
Returned all or portion of spill to sanitary sewer system
Cleaned-up (mitigated effects of spill)
Returned all or portion of spill to sanitary sewer system
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill); Restored flow
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill); Contained all or portion of spill; Restored flow
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill); Inspected sewer using CCTV to determine cause
Cleaned-up (mitigated effects of spill); Inspected sewer using CCTV to determine cause; Restored flow
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill); Contained all or portion of spill; Restored flow
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill); Restored flow
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill); Contained all or portion of spill; Restored flow
Cleaned-up (mitigated effects of spill)
Restored flow
Cleaned-up (mitigated effects of spill); Contained all or portion of spill; Restored flow; Returned all or portion of spill to sanitary sewer system
Other (specify below)
Other (specify below)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)

Posted barricades with raw sewage advisory/sandbagged M/H covers.
Posted health warnings, and barricades, sandbagged M/H covers.
Will see about adding this portion of easement to summer foaming program.
Used jet truck to vac. out storm drain box, clean and disinfect curbside gutter.

storm overflow capacity
Cleaned all of the spill area.

Cleaned up all spill effects.

Cleaned up and picked up ten gallons worth of the spill.

Vacumed out storm drain box, and manhole. Deoderized area and cleaned up.

Crew put up barricades with flashers and warning signs.

Will inspect easement line using CCTV.
Restored normal flow to city main line.
Sewage water had seeped into hillside into dirt and grey matter (toilet Papers, etc.) was cleaned up and disposed of, disir
See above
See above
Another big storm due to hit tomorrow.

See #26
See above
Restored flow and cleaned up.
RESTORE FLOW AND CLEAN UP MITIGATED EFFECTS OF SPILL

Ran a bypass to the next downstream manhole, cougth around eighty percent of flow.
See above

Will have staff return to site on Monday, September 20, 2010 to see if there is any way to retrieve any grey matter or deb
See above

See above

Heavy rain overwhelmed the sewer system, once the rain subsided the flow was able to catch up.
Discharge stopped once flow was able to catch up, when rain subsided.
Had are bypass going to to catch 90% of the overflow going to the downstream manhole, about 10% escaped through are
Put out flashing barricades and posted raw sewage spill signs around the spill area
Heavy rain overwhelmed the system, once the rain subsided the flow was able to catch up.

2/15/2009 22:00
2/22/2009 16:30

2/27/2009 11:50

3/2/2009 15:15
3/3/2009 16:45

8/4/2009 12:45

10/14/2009 8:30

1/19/2010 11:30
1/19/2010 15:00
1/20/2010 4:30
1/23/2010 11:30

3/21/2010 13:30
4/12/2010 17:00

4/17/2010 17:00
4/17/2010 12:30

9/19/2010 19:40

12/9/2010 8:30
12/18/2010 17:15
12/19/2010 20:35
12/19/2010 9:40
12/19/2010 10:21
12/27/2010 8:30
12/29/2010 8:00
12/29/2010 7:15

Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer

Adjusted schedule/method of preventive maintenance

Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer

Other (specify below)

Plan rehabilitation or replacement of sewer

Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer

Adjusted schedule/method of preventive maintenance
Plan rehabilitation or replacement of sewer

Adjusted schedule/method of preventive maintenance
Plan rehabilitation or replacement of sewer

Adjusted schedule/method of preventive maintenance

Plan rehabilitation or replacement of sewer
Adjusted schedule/method of preventive maintenance
Other (specify below)
Other (specify below)
Other (specify below)
Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer
Other (specify below)

No corrective action was taken as pipe is over capacity. Scheduled for above by May 1 2013

Will also add degreaser to this section of main line.

In the next few years as per CDO

In the next few years as per CDO.

Will add chemical root foam to the inside of the manhole, and add manhole to the rehab list.

Corrective actions to be taken in the next few years as per CDO.

Corrective actions to taken as per CDO in the next three years.

Pipe to be upgraded in future according to CDO with regional board

Corrective actions to be taken in the next few years, as per CDO.

Corrective actions to be taken in the next three years, as per CDO

Corrective actions to be taken in the next three years as per CDO.

See above

Planned replacement of main in the next three years as per CDO.

See above

Pipe is scheduled to be upgraded in next 2 -3 years, as well as upsized.

Storm related event

Storm related event

Pipe is scheduled to be up sized in the next two to three years as per. CDO.

Planned rehab. of Sewer main as per CDO in the next couple of years.

Storm related event.

No
No

No

No
Yes

No

No

No
No
No
No

No
No

No
No

No

No
No
No
No
No
No
No
No

Event during heavy rain storm. SSO quickly diluted by creek flowing very rapidly.
SSO quickly diluted by creek as heavy flows during storm.

NA

Creek was running fast and clear.
Creek was running fast and clear.

N/A

Creek was running clear and fast.

N/A

Creek was running clear and fast.
Creek was flowing like a river.
Creek was running very high and fast.
San Mateo Creek was running fast, clear, and high.

NA

San Mateo creek was flowing like a river.

Crew said that the creek was running full and clear.

NA

NA

NA

NA

Creek looks nice clear and running fast.
Water in the lake was muddy in color, no visual signs of sewage in the water. Took two water samples from the lake.
San Mateo Creek was flowing like a river

Cherry Creek was flowing very fast, like a river
San Mateo Creek was flowing like a river.
Creek was clear and running like a river.

NA

Yes
No

No

Yes
Yes

No

No

Yes
Yes
Yes
Yes

No
No

No
Yes

No

No
No
Yes
No
No
Yes
Yes
No

N/A
NA

NA

n/a
N/A

N/A

N/A

na
NA
NA
NA

NA
NA

NA
NA

NA
NA
NA

NA

NA
NA
NA

San Mateo Creek
San Mateo Creek

NA

san mateo creek
San Mateo creek

N/A

San Mateo Creek

crystal springs
San Mateo creek
San Mateo Creek
NA

NA
NA

NA
NA

NA
NA
San Mateo Creek
Crocker Lake (private lake for golf course irrigation)
San Mateo Creek
Unknown
Cherry Creek
San Mateo Creek
San Mateo Creek
Unknown

No water quality samples taken
No water quality samples taken

Not applicable to this spill

No water quality samples taken
No water quality samples taken

Not applicable to this spill

No water quality samples taken

No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken

No water quality samples taken
No water quality samples taken

Not applicable to this spill
No water quality samples taken

No water quality samples taken

No water quality samples taken
Other (specify below)
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken
Not applicable to this spill

Water samples were not taken due to hazard of approaching creek.

To dangerous to take water samples.

None taken too dangerous!
See above

See above

See above
Took samples, but have not turned them into lab for results until Monday, 12-20-10.

None of the above
None of the above

Not applicable to this spill

None of the above
None of the above

None of the above

None of the above

None of the above
None of the above
None of the above
None of the above

No water quality samples taken
None of the above

None of the above
None of the above

No water quality samples taken

None of the above
None of the above
Not applicable to this spill
No water quality samples taken
None of the above
None of the above
None of the above
Not applicable to this spill

See above

Will submit results as soon as we receive them.

See above

91295	2/15/2009 18:15
91538	2/22/2009 16:35
91718	2/27/2009 12:42
91766	3/2/2009 11:20
91834	3/3/2009 15:00
92994	4/13/2009 11:28
93110	4/20/2009 15:55
93111	4/20/2009 15:55
93302	4/28/2009 15:34
93415	5/3/2009 22:35
95456	8/4/2009 14:00
95660	8/14/2009 0:00
	8/14/2009 14:30
96905	10/13/2009 15:35
97957	11/27/2009 12:05
100408	1/19/2010 11:30
100408	1/19/2010 11:00
100450	1/20/2010 8:58
100528	1/21/2010 12:32
101928	3/21/2010 13:54
102325	4/12/2010 16:45
102426	4/17/2010 17:44
102424	4/17/2010 14:20
105637	9/19/2010 21:24
107386	12/9/2010 6:20
107604	12/18/2010 19:56
107649	12/19/2010 21:10
107674	12/20/2010 15:33
107675	12/20/2010 15:33
107852	12/25/2010 18:00
107934	12/28/2010 23:45
107933	12/28/2010 23:45

2SSO10142	Active	760008 Tony Geraldi	Certified
2SSO10142	Active	760010 Tony Geraldi	Certified
2SSO10142	Active	761359 Tony Geraldi	Certified
2SSO10142	Active	762034 Tony Geraldi	Certified
2SSO10142	Active	763178 Tony Geraldi	Certified
2SSO10142	Active	763267 Tony Geraldi	Certified
2SSO10142	Active	763781 Tony Geraldi	Certified
2SSO10142	Active	763788 Tony Geraldi	Certified
2SSO10142	Active	764065 Tony Geraldi	Certified
2SSO10142	Active	764525 Tony Geraldi	Certified
2SSO10142	Active	764531 Tony Geraldi	Certified
2SSO10142	Active	764541 Tony Geraldi	Certified
2SSO10142	Active	764551 Tony Geraldi	Certified
2SSO10142	Active	764731 Tony Geraldi	Certified
2SSO10142	Active	764732 Tony Geraldi	Certified
2SSO10142	Active	764891 Tony geraldi	Certified
2SSO10142	Active	764922 Tony Geraldi	Certified
2SSO10142	Active	764923 Tony Geraldi	Certified
2SSO10142	Active	764944 Tony Geraldi	Certified
2SSO10142	Active	764957 Tony Geraldi	Certified
2SSO10142	Active	764965 Tony Geraldi	Certified
2SSO10142	Active	764971 Tony Geraldi	Certified
2SSO10142	Active	764973 Tony Geraldi	Certified
2SSO10142	Active	764974 Tony Geraldi	Certified
2SSO10142	Active	764997 Tony Geraldi	Certified
2SSO10142	Active	765328 Tony Geraldi	Certified
2SSO10142	Active	765862 Tony Geraldi	Certified
2SSO10142	Active	766392 Tony Geraldi	Certified
2SSO10142	Active	767692 Tony Geraldi	Certified
2SSO10142	Active	768669 Tony Geraldi	Certified
2SSO10142	Active	768737 Tony Geraldi	Certified
2SSO10142	Active	769322 Tony Geraldi	Certified
2SSO10142	Active	771438 Tony Geraldi	Certified
2SSO10142	Active	771635 Supervisor	Certified
2SSO10142	Active	771821 Tony Geraldi	Certified
2SSO10142	Active	772071 Tony Geraldi	Certified
2SSO10142	Active	772536 Tony Geraldi	Certified
2SSO10142	Active	773516 Tony Geraldi	Certified
2SSO10142	Active	773540 Tony Geraldi	Certified
2SSO10142	Active	773937 Tony Geraldi	Certified
2SSO10142	Active	776255 Tony Geraldi	Certified
2SSO10142	Active	776274 Tony Geraldi	Certified
2SSO10142	Active	776288 Tony Geraldi	Certified
2SSO10142	Active	776873 Tony Geraldi	Certified
2SSO10142	Active	777817 Tony Geraldi	Certified
2SSO10142	Active	778727 Tony Geraldi	Certified
2SSO10142	Active	778734 Tony Geraldi	Certified
2SSO10142	Active	778827 Tony Geraldi	Certified
2SSO10142	Active	779098 Tony Geraldi	Certified
2SSO10142	Active	780086 Tony Geraldi	Certified
2SSO10142	Active	780103 Tony Geraldi	Certified
2SSO10142	Active	780110 Tony Geraldi	Certified
2SSO10142	Active	782310 Tony Geraldi	Certified
2SSO10142	Active	782693 Tony Geraldi	Certified
2SSO10142	Active	782715 Tony Geraldi	Certified

[illegible]

9:43 A.M.		923749
10:19 A.M.		369773
	12:01	507220
	13:51	301091
	7:32	435514
17;54		728205
	16:56	597909
	16:49	290137
12;29		624191
	9:53	952804
	10:16	810829
	10:29	224910
	10:49	755577
	18:12	103946
	11:16	588157
	12:37	402881
	17:23	603804
	17:53	839008
	11:26	741699
	14:57	960006
	16:04	683580
	16:50	771660
17;54		162337
	7:43	803254
	11:51	115752
	9:27	229473
	12:49	919247
	10:37	689421
	11:20	118649
	15:02	717454
	14:56	653555
	11:06	246853
9:13 a.m.		331458
	15:55	305703
	15:42	500999
	18:08	373725
	17:40	722911
4:30 P.M.		826536
	11:50	982563
	8:43 AM	909653
11;05		115120
10;59		942747
10;52		895148
	9:33 AM	737220
	8:48	400727
	14:38	217461
	14:35	169518
	16:01	583111
15;22		131829
	8:42 AM	587027
	8:48 AM	736634
	8:52 AM	197684
8:23 A.M.		420237
6:59 A.M.		116646
6:48 A.M.		529217

30-Dec-10	12/30/2010	30-Dec-10	12/30/2010
30-Dec-10	12/30/2010	30-Dec-10	12/30/2010
18-Jan-11	1/18/2011	31-Jan-11	1/31/2011
27-Jan-11	1/27/2011	31-Jan-11	1/31/2011
17-Feb-11	2/17/2011	18-Feb-11	2/18/2011
18-Feb-11	2/18/2011	23-Feb-11	2/23/2011
28-Feb-11	2/28/2011	2-Mar-11	3/2/2011
28-Feb-11	2/28/2011	2-Mar-11	3/2/2011
7-Mar-11	3/7/2011	10-Mar-11	3/10/2011
21-Mar-11	3/21/2011	30-Mar-11	3/30/2011
21-Mar-11	3/21/2011	30-Mar-11	3/30/2011
21-Mar-11	3/21/2011	30-Mar-11	3/30/2011
21-Mar-11	3/21/2011	30-Mar-11	3/30/2011
23-Mar-11	3/23/2011	29-Mar-11	3/29/2011
23-Mar-11	3/23/2011	30-Mar-11	11/10/2011
29-Mar-11	3/29/2011	29-Mar-11	3/29/2011
29-Mar-11	3/29/2011	29-Mar-11	3/29/2011
29-Mar-11	3/29/2011	29-Mar-11	3/29/2011
30-Mar-11	3/30/2011	30-Mar-11	3/30/2011
30-Mar-11	3/30/2011	30-Mar-11	3/30/2011
30-Mar-11	3/30/2011	30-Mar-11	3/30/2011
30-Mar-11	3/30/2011	30-Mar-11	3/30/2011
31-Mar-11	3/31/2011	31-Mar-11	3/31/2011
31-Mar-11	3/31/2011	31-Mar-11	3/31/2011
11-Apr-11	4/11/2011	11-Apr-11	4/11/2011
28-Apr-11	4/28/2011	28-Apr-11	4/28/2011
12-May-11	5/12/2011	8-Aug-11	8/8/2011
21-Jun-11	6/21/2011	28-Jun-11	6/28/2011
20-Jul-11	7/20/2011	21-Jul-11	7/21/2011
20-Jul-11	7/20/2011	21-Jul-11	7/21/2011
1-Aug-11	8/1/2011	1-Aug-11	8/1/2011
26-Sep-11	9/26/2011	26-Sep-11	9/26/2011
2-Oct-11	10/2/2011	10-Oct-11	10/10/2011
6-Oct-11	10/6/2011	10-Oct-11	10/10/2011
16-Oct-11	10/16/2011	18-Oct-11	10/18/2011
29-Oct-11	11/2/2011	2-Nov-11	11/2/2011
28-Nov-11	11/28/2011	28-Nov-11	11/28/2011
29-Nov-11	11/29/2011	29-Nov-11	11/29/2011
12-Dec-11	12/12/2011	14-Dec-11	12/14/2011
23-Jan-12	1/23/2012	24-Jan-12	1/24/2012
23-Jan-12	1/23/2012	24-Jan-12	1/24/2012
23-Jan-12	1/23/2012	24-Jan-12	1/24/2012
6-Feb-12	2/6/2012	7-Feb-12	2/7/2012
21-Feb-12	2/21/2012	22-Feb-12	2/22/2012
15-Mar-12	3/15/2012	19-Mar-12	3/19/2012
15-Mar-12	3/15/2012	19-Mar-12	3/19/2012
19-Mar-12	3/19/2012	26-Mar-12	3/26/2012
26-Mar-12	3/26/2012	28-Mar-12	3/28/2012
13-Apr-12	4/13/2012	23-Apr-12	4/23/2012
16-Apr-12	4/16/2012	23-Apr-12	4/23/2012
16-Apr-12	4/16/2012	23-Apr-12	4/23/2012
21-Jun-12	6/21/2012	27-Jun-12	6/27/2012
29-Jun-12	6/29/2012	10-Jul-12	7/10/2012
29-Jun-12	6/29/2012	10-Jul-12	7/10/2012

Category 1	63000	50400
Category 1	6000	0
Category 1	2900	1300
Category 3	50	30
Category 3	75	75
Category 1	2750	2200
Category 1	18000	0
Category 1	16500	14025
Category 3	30	0
Category 1	279000	223200
Category 1	26200	0
Category 1	19650	0
Category 1	15150	13635
Category 1	18000	16200
Category 1	4500	0
Category 1	18000	0
Category 1	27000	0
Category 1	18000	0
Category 1	41200	0
Category 1	49500	0
Category 1	900	0
Category 1	180000	90000
Category 1	3000	2700
Category 1	13500	12150
Category 1	1325	0
Category 3	5	0
Category 1	200	175
Category 3	450	0
Category 3	100	0
Category 3	30	25
Category 3	60	60
Category 3	25	5
Category 3	25	0
Category 1	4500	0
Category 3	20	20
Category 1	25	0
Category 2	2925	100
Category 3	50	50
Category 3	40	40
Category 2	1400	60
Category 3	360	360
Category 1	36000	35640
Category 1	18000	17820
Category 3	275	0
Category 3	65	65
Category 2	162000	162000
Category 1	810	5
Category 1	135000	121500
Category 2	114000	114000
Category 1	60000	0
Category 1	180000	108000
Category 1	27000	0
Category 3	150	140
Category 3	27	0
Category 1	1050	500

12600 Yes	Yes
6000 Yes	Yes
1600 Yes	Yes
0 No	No
0 No	Yes
550 Yes	Yes
18000 Yes	No
2475 Yes	Yes
0 No	No
55800 Yes	Yes
26200 Yes	No
19650 Yes	No
1515 Yes	Yes
1800 Yes	Yes
4500 Yes	No
18000 Yes	No
27000 No	Yes
18000 No	Yes
41200 Yes	Yes
49500 Yes	No
900 No	Yes
90000 Yes	Yes
300 Yes	Yes
1350 Yes	Yes
1325 Yes	No
0 No	No
25 No	No
0 No	No
0 No	No
0 No	No
0 No	Yes
0 No	No
0 No	No
4500 Yes	Yes
0 No	Yes
25 Yes	Yes
0 No	Yes
0 No	Yes
0 No	Yes
0 No	No
0 No	No
360 Yes	Yes
180 Yes	Yes
0 No	No
0 No	Yes
0 No	No
805 Yes	No
13500 Yes	Yes
0 No	No
60000 Yes	Yes
72000 Yes	Yes
27000 Yes	Yes
0 No	No
0 No	Yes
550 Yes	Yes

No
No
No
Not Applicable - Spill did not reach a separate storm drainpipe
Yes
No
Not Applicable - Spill did not reach a separate storm drainpipe
No
Not Applicable - Spill did not reach a separate storm drainpipe
No
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
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Yes
Not Applicable - Spill did not reach a separate storm drainpipe
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Not Applicable - Spill did not reach a separate storm drainpipe
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Not Applicable - Spill did not reach a separate storm drainpipe
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Not Applicable - Spill did not reach a separate storm drainpipe
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635 Hayne Road
Hillsborough
Hillsborough
1270 Tartan Trail
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1040 Crystal Sprin
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37.5529	-122.33964 San Mateo
37.55448	-122.35614 San Mateo
37.56278	-122.33754 San Mateo
37.57398	-122.36978 San Mateo
37.53941	-122.35378 San Mateo
37.5529	-122.33964 San Mateo
37.54932	-122.34389 San Mateo
37.5529	-122.33964 San Mateo
37.55204	-122.36342 San Mateo
37.5529	-122.33964 San Mateo
37.54932	-122.34389 San Mateo
37.54856	-122.34695 San Mateo
37.56161	-122.34042 San Mateo
37.5529	-122.33964 San Mateo
37.54932	-122.34389 San Mateo
37.57734	-122.36735 San Mateo
37.57818	-122.35546 San Mateo
37.55428	-122.35735 San Mateo
37.54856	-122.34695 San Mateo
37.54932	-122.34389 San Mateo
37.57972	-122.36546 San Mateo
37.5529	-122.33964 San Mateo
37.56161	-122.34042 San Mateo
37.5529	-122.33964 San Mateo
37.55012	-122.34222 San Mateo
37.55916	-122.35337 San Mateo
37.55427	-122.36869 San Mateo
37.54669	-122.34031 San Mateo
37.54574	-122.34059 San Mateo
37.54237	-122.36078 San Mateo
37.55472	-122.35093 San Mateo
37.55703	-122.37402 San Mateo
37.55895	-122.34398 San Mateo
37.558003	-122.343883 San Mateo
37.55971	-122.33747 San Mateo
37.56072	-122.35215 San Mateo
37.539835	-122.355153 San Mateo
37.57607	-122.3723 San Mateo
37.56405	-122.34602 San Mateo
37.54455	-122.34109 San Mateo
37.5584	-122.3697 San Mateo
37.5529	-122.33964 San Mateo
37.5529	-122.33964 San Mateo
37.5469	-122.33884 San Mateo
37.57636	-122.37517 San Mateo
37.5529	-122.33964 San Mateo
37.55613	-122.33928 San Mateo
37.5529	-122.33964 San Mateo
37.5529	-122.33964 San Mateo
37.54868	-122.3461 San Mateo
37.55327	-122.33974 San Mateo
37.5548	-122.339 San Mateo
37.58135	-122.36116 San Mateo
37.53147	-122.36021 San Mateo
37.55208	-122.35983 San Mateo

[illegible]

Road shoulder
 Manhole in the middle of the roadway during major rain event.
 Road shoulder
 Backyard
 Manhole
 Manhole along road shoulder
 Manhole in the middle of the roadway.
 Road Shoulder
 Manhole
 Manhole in shoulder of the roadway overflowed due to heavy rains, causing insufficient capacity issues on the main trunk
 Manhole located in roadway.
 Manhole located in the middle of the roadway.
 Manhole in the road shoulder
 Manhole in shoulder of the roadway overflowed due to heavy rains, causing insufficient capacity issues on the main El Ce
 Manhole located in roadway
 Manhole in the roadway.
 Manhole located in parking lot area of Town Hall
 Manhole located in the roadway.
 Manhole located in the middle of the roadway.
 Manhole located along the road shoulder.

 Manhole in the shoulder of the roadway overflowed due to very heavy rainfall, causing flow to exceed capacity.
 Manhole in the road shoulder.
 Manhole is located in the shoulder of the roadway.
 Manhole located in the roadway.
 Manhole
 SSMH11F20 located in backyard easement area.
 Easement area, side of hill.
 Backyard easement area.
 Manhole
 Manhole in easment area.
 Manhole in street location.
 Driveway and dirt area of property.
 Sewer surcharged out of a manhole in the roadway in front of 635 Hayne Road.
 House clean out
 House clean out
 Sewage discharged out of a manhole in front of 1270 Tartan Trail Rd. The manhole is located off the street next to the dri
 Manhole in driveway.
 Manhole located in the parking strip.
 Easement area away from any roadway.
 Easement area backyard
 Manhole is located in the shoulder of the roadway.
 Manhole is located in the shoulder of the roadway.
 Manhole located in front driveway area of said property.
 Driveway approach area of 940 Jackling.
 Manhole in shoulder of roadway.
 C/O of 731 El Cerrito Ave
 Manhole in road shoulder and clean out of 731 El cerrito.
 Manhole in shoulder of roadway.
 road shoulder
 Road shoulder manhole
 Road shoulder manhole
 Backyard cleanout.
 Manhole
 Manhole across from 1260 Hayne Rd. in lot area.

sewer line.

rrto Crystal Springs Trunk sewer main.

veway on the property.

Manhole
Manhole
Manhole
Other sewer system structure
Manhole
Manhole
Manhole
Manhole
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Manhole
Other (specify)
Manhole
Other (specify)
Other (specify)
Manhole
Manhole
Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer
Gravity sewer;Manhole
Gravity sewer;Other sewer system structure
Gravity sewer;Manhole;Other sewer system structure
Gravity sewer;Manhole
Building or structure;Combined sewer D.I.;Force main or pressure sewer
Building or structure
Combined sewer D.I.
Other (specify)
Gravity sewer;Manhole
Gravity sewer;Manhole

See above
See above
See above
City cleanout

See above
See above
See above
See above
See above
See above
See above

Heavy rains caused insufficient capacity problems on the main El Cerrito Crystal Springs Trunk Sewer Line.

See above
See above
See above
See above
See above
See above

Flow exceeded capacity due to heavy rains. Flow was about eightyfive percent rain water. Final spill destination was Sar
See above

See above
See above
See above

See above
See above
See above
See above
See above
See above
See above
Manhole

Dirt area by driveway came out of joint in pipe

House clean out
House clean out

See above
See above
See above
Manhole
See above
See above
See above

Coming out of a joint in the sewer main.

See above
See question # 16.
See question # 16
See above
see above
see above
see above
House cleanout
See above
See above

Surface water
Surface water
Surface water
Unpaved surface
Other paved surface
Surface water
Surface water
Surface water
Other paved surface
Surface water
Surface water
Surface water
Surface water
Surface water
Surface water
Surface water
Unpaved surface
Separate storm drain;Street/curb and gutter
Separate storm drain;Street/curb and gutter
Surface water
Surface water
Separate storm drain
Surface water
Surface water
Surface water
Surface water
Street/curb and gutter
Unpaved surface
Unpaved surface
Unpaved surface
Other paved surface;Street/curb and gutter
Separate storm drain;Unpaved surface
Street/curb and gutter
Other paved surface;Unpaved surface
Surface water
Separate storm drain
Surface water
Separate storm drain
Separate storm drain
Separate storm drain
Unpaved surface
Unpaved surface
Surface water
Surface water
Unpaved surface
Separate storm drain;Street/curb and gutter
Street/curb and gutter;Other (specify below)
Other paved surface;Surface water
Street/curb and gutter;Surface water;Unpaved surface
Other (specify below)
Beach;Building or structure;Combined storm drain (combined CS only)
Combined storm drain (combined CS only);Street/curb and gutter;Surface water
Other paved surface
Unpaved surface
Combined storm drain (combined CS only)
Separate storm drain;Street/curb and gutter;Surface water;Unpaved surface

Have a sewer bypass in place, during the heavy rain event when flow exceeded capacity, we captured about 80% of the S Cherry Creek in Hillsborough

See above

Dirt area in backyard.

See above

San Mateo Creek

Flowed into San Mateo creek off of road shoulder.

We have a bypass going so we were redirecting about eightyfive percent of the flow to the next downstream manhole.

See above

See above

Flowed into San Mateo Creek from manhole in the shoulder of the road.

See above

See above

Flowed into San Mateo Creek from manhole located in the roadway.

Manhole discharged due to flow exceeding capacity due to very heavy rainfall. Once rainfall subsided the flow slowly wer

See above

See above

See above

flowed into San Mateo Creek from Manhole located on the roadway shoulder.

See above

San Mateo Creek

See above

See above

See above

See above

See above

Easement area

See above

Vacked out storm drain and recovered all sewer.

See above

See question sixteen.

Sewage reached a storm drain that flows to San Mateo creek

Vacked out of storm drain box.

The sewage discharged into a catch basin, which connects to a 48 inch storm drain culvert which runs down Tartan Trail I
Water ponded up around sunken manhole in driveway, and made its way down the gutter to the storm drain where our jet
Storm drain was plugged and crew was able to vack out all of the discharge and return it to the sewer system.

Spill made its way down to a dry creek bed area.

Sewer soaked into yard area.

See above

Planted area along the driveway where sewage just soaked into the vegetation and hillside.

Recovered all of discharge in the catch basin.

Next downstream manhole where we opened up our bypass and redirected overflow into recapturing all of it. Smartcover :
San Mateo Creek.

Opened up our bypass when Smartcover alarm notified us that the flow was starting to rise in the manhole, we redirected t

Opened up bypass when Smartcover alarm notified on call person that the flow was starting to rise in the manhole, we redi

Flow exceeded capacity during heavy rain event

see above

see above

Backyard

See above

See above

12/28/2010 0:00	12/28/2010 19:00	12/28/2010 19:20	12/29/2010 2:30
12/28/2010 0:00	12/28/2010 23:57	12/28/2010 23:57	12/28/2010 2:00
1/16/2011 11:26	1/16/2011 11:31	1/16/2011 11:45	1/16/2011 11:55
1/26/2011 17:45	1/26/2011 17:50	1/26/2011 17:55	1/26/2011 18:05
2/16/2011 14:50	2/16/2011 14:52	2/16/2011 14:55	2/16/2011 15:00
2/17/2011 0:00	2/17/2011 13:37	2/17/2011 13:43	2/17/2011 15:00
2/25/2011 0:00	2/25/2011 9:15	2/25/2011 9:15	2/25/2011 11:00
2/25/2011 0:00	2/25/2011 6:40	2/25/2011 6:50	2/25/2011 11:00
3/3/2011 15:30	3/3/2011 15:45	3/3/2011 15:52	3/3/2011 16:00
3/18/2011 13:30	3/18/2011 13:00	3/18/2011 13:10	3/20/2011 12:30
3/20/2011 1:04	3/20/2011 1:15	3/20/2011 1:30	3/20/2011 3:15
3/20/2011 1:04	3/20/2011 1:15	3/20/2011 1:40	3/20/2011 3:15
3/20/2011 1:04	3/20/2011 1:45	3/20/2011 1:55	3/20/2011 11:10
3/23/2011 7:20	3/23/2011 7:05	3/23/2011 7:15	3/23/2011 9:00
3/23/2011 7:30	3/23/2011 7:20	3/23/2011 7:40	3/23/2011 10:30
3/24/2011 11:24	3/24/2011 11:50	3/24/2011 11:50	3/24/2011 14:30
3/24/2011 11:30	3/24/2011 11:40	3/24/2011 11:55	3/24/2011 14:30
3/24/2011 11:30	3/24/2011 12:10	3/24/2011 12:10	3/24/2011 14:30
3/24/2011 11:30	3/24/2011 11:55	3/24/2011 11:55	3/24/2011 18:00
3/24/2011 11:30	3/24/2011 11:50	3/24/2011 11:50	3/24/2011 18:00
3/24/2011 12:30	3/24/2011 12:45	3/24/2011 13:00	3/24/2011 15:30
3/24/2011 8:35	3/24/2011 8:05	3/24/2011 8:15	3/25/2011 8:20
3/26/2011 13:00	3/26/2011 13:10	3/26/2011 13:20	3/26/2011 15:00
3/26/2011 8:17	3/26/2011 8:00	3/26/2011 8:30	3/26/2011 9:57
3/26/2011 9:20	3/26/2011 9:40	3/26/2011 9:40	3/26/2011 10:13
4/9/2011 10:45	4/9/2011 11:00	4/9/2011 11:35	4/9/2011 12:20
4/27/2011 16:00	4/27/2011 16:10	4/27/2011 16:20	4/27/2011 16:40
5/11/2011 14:00	5/11/2011 14:19	5/11/2011 14:30	5/11/2011 15:30
6/21/2011 10:00	6/21/2011 10:10	6/21/2011 10:22	6/21/2011 12:13
7/15/2011 10:30	7/15/2011 10:35	7/15/2011 10:45	7/15/2011 11:00
7/20/2011 13:10	7/20/2011 13:15	7/20/2011 13:20	7/20/2011 13:40
7/17/2011 12:50	7/17/2011 13:05	7/17/2011 13:35	7/17/2011 13:15
9/24/2011 10:15	9/24/2011 10:30	9/24/2011 11:00	9/24/2011 12:47
10/2/2011 9:30	10/2/2011 10:30	10/2/2011 12:00	10/2/2011 12:30
10/6/2011 13:45	10/6/2011 13:50	10/6/2011 13:50	10/6/2011 14:05
10/16/2011 17:30	10/16/2011 17:45	10/16/2011 18:45	10/16/2011 19:15
10/29/2011 16:00	10/29/2011 16:30	10/29/2011 17:30	10/29/2011 17:57
11/28/2011 7:55	11/28/2011 7:55	11/28/2011 7:55	11/28/2011 8:05
11/2/2011 14:05	11/2/2011 14:25	11/2/2011 14:30	11/2/2011 14:45
12/11/2011 11:00	12/11/2011 11:30	12/11/2011 12:30	12/11/2011 13:20
1/22/2012 20:15	1/22/2012 20:30	1/22/2012 21:05	1/22/2012 22:15
1/20/2012 22:55	1/20/2012 22:34	1/20/2012 23:50	1/21/2012 5:00
1/23/2012 3:00	1/23/2012 2:24	1/23/2012 2:50	1/23/2012 9:00
2/5/2012 18:01	2/5/2012 18:15	2/5/2012 18:45	2/5/2012 18:56
2/21/2012 10:00	2/21/2012 10:30	2/21/2012 10:45	2/21/2012 11:05
3/14/2012 18:00	3/14/2012 10:10	3/14/2012 10:20	3/15/2012 14:00
3/14/2012 18:00	3/14/2012 17:40	3/14/2012 18:25	3/15/2012 7:30
3/16/2012 13:30	3/16/2012 13:00	3/16/2012 13:45	3/17/2012 12:00
3/24/2012 21:00	3/24/2012 20:00	3/24/2012 20:35	3/25/2012 16:00
4/13/2012 1:00	4/13/2012 7:00	4/13/2012 8:00	4/13/2012 11:00
4/13/2012 1:00	4/13/2012 5:00	4/13/2012 8:00	4/13/2012 16:00
4/13/2012 8:00	4/13/2012 8:15	4/13/2012 8:30	4/13/2012 11:00
6/20/2012 16:00	6/20/2012 16:20	6/20/2012 16:30	6/20/2012 17:00
6/29/2012 11:00	6/29/2012 11:01	6/29/2012 11:07	6/29/2012 11:28
6/29/2012 16:15	6/29/2012 16:20	6/29/2012 16:25	6/29/2012 16:45

Flow exceeded capacity (Separate CS Only)
Flow exceeded capacity (Separate CS Only)
Debris-Rags
Root intrusion
Pipe structural problem/failure
Flow exceeded capacity (Separate CS Only)
Flow exceeded capacity (Separate CS Only)
Flow exceeded capacity (Separate CS Only)
Root intrusion
Flow exceeded capacity (Separate CS Only)
Flow exceeded capacity (Separate CS Only)
Flow exceeded capacity (Separate CS Only)
Flow exceeded capacity (Separate CS Only)
Flow exceeded capacity (Separate CS Only)
Flow exceeded capacity (Separate CS Only)
Flow exceeded capacity (Separate CS Only)
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Flow exceeded capacity (Separate CS Only)
Flow exceeded capacity (Separate CS Only)
Flow exceeded capacity (Separate CS Only)
Flow exceeded capacity (Separate CS Only)
Flow exceeded capacity (Separate CS Only)
Debris-Rags
Root intrusion
Debris-General
Root intrusion
Root intrusion
Root intrusion
Grease deposition (FOG)
Debris-Rags
Root intrusion
Root intrusion
Root intrusion
Debris-Rags
Grease deposition (FOG)
Debris-General
Root intrusion
Grease deposition (FOG)
Flow exceeded capacity (Separate CS Only)
Flow exceeded capacity (Separate CS Only)
Root intrusion
Root intrusion
Flow exceeded capacity (Separate CS Only)
Flow exceeded capacity (Separate CS Only)
Flow exceeded capacity (Separate CS Only)
Flow exceeded capacity (Separate CS Only)
Flow exceeded capacity (Separate CS Only)
Flow exceeded capacity (Separate CS Only)
Flow exceeded capacity (Separate CS Only)
Flow exceeded capacity (Separate CS Only)
Grease deposition (FOG)
Root intrusion
Debris-Rags

Smartcover sent us an alarm that the water level was rising in the manhole, so we opened up the bypass around 7:20 p.m.
See above
And also some roots
Root intrusion coming out of a buried city cleanout.
Buried manhole piece of manhole ring fell into channel.
See above
See above
See above
See above
SmartCover alarm notified the sewer crew at 1p.m. telling them that the water was starting to rise in the manhole. They o
See above
See above
See above
SmartCover alarm notified the Sewer Crew that the manhole was beginning to rise. So the crew opened up are Sewer by
SmartCover alarm notifies the sewer crew ahead of time. That the manhole will soon be surcharging. Due to heavy rains
See above
Flow exceeded capacity due to very heavy rainfall. Once the rainfall subsided the flow slowly returned to normal.
Flow exceeded capacity due to very heavy rainfall. Once the rainfall subsided the flow slowly returned to normal.
See # 19
Flow exceeded capacity due to very heavy rainfall. The final spill destination was San Mateo Creek.
Flow exceeded capacity due to very heavy rainfall.
Our smartcover alarm lets us know ahead of time when the manhole is beginning to rise out of the channel before it actual
Manholes downstream were all holding causing this one of the shallowest manholes to surcharge.
See above
Surcharging due to rain and heavy ground saturation. No way to redirect this overflow because of its location. This sso flc
Swifter towels, and a little bit of root.
See above
See above
Some grease, mostly roots.
Crew found four inch roots released from plumber, causing our main to back up.
See above
Surcharge had already freed itself by the time the crew got there.
See above

See above
see above
Grease and household cleaning rags caused the spill.
Grease.
Debris in main line.
See above
See above
See above
See above
See above.
See above
See above
See above
Major storm, flow exceeded capacity.
See above
see above
Storm capacity issues
see above
See above.
See above
See above

[illegible]

See above

See above

See above

See above

See above

We ran an overflow bypass and recaptured around eighty percent of the overflow.

See above

See above

See above

See above

See above

Flow exceeded capacity due to heavy rains.

See above

See above

See above

See above

See above

See above

See above

See above

See above

See above

Smartcover alarms notifies oncall person that the flow is beginning to rise out of the channel, before the actual SSO begins.

See above

See above

Manhole was located in the corner of yard where most of the sewer puddled up against the fence. Root was located just down the street.

See above

See above

See above

In street

See above

in main line

See above

See above

See above

Smartcover alarms notifies on call person that the flow is beginning to rise out of the channel in the manhole. Before the alarm sounds.

Smartcover alarm notifies the on call person that the flow is beginning to rise out of the channel in the manhole. Before the alarm sounds.

See above.

See above

House lateral ties into manhole that was up causing surcharge to come out of home owners clean out.

See above.

See above

main line blockage caused house cleanout to discharge.

See above

rs to surcharge. They went o

ownstream from the manhol

actual SSO begins to surchai
ie actual SSO begins to surc

15 VCP
6 Lined VC
12 VCP
6 VCP
6 VCP
15 VCP
15 liner
15 VCP
6 VCP
15 VCP
15 Liner
15 Liner
12 VCP
15 VCP
15 Liner
6 VCP
15 VCP
8 VCP
15 Liner
15 Liner
6 VCP
15 VCP
12 VCP
15 VCP
15 Liner
6 PVC
6 liner
6 VCP
6 VCP
6 VCP
8 VCP
6 VCP
6 VCP
8 VCP
6 VCP
6 VCP
6 VCP
6 liner
6 VCP
6 VCP
6 Liner
15 VCP
15 VCP
6 VCP
6 VCP
15 VCP
6 VCP
15 VCP
15 VCP
15 liner
15 VCP
15 VCP
6 VCP
6 VCP
8 pvc

45
5
55
55
40
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11
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47
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100
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42
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45
40
40
22

ED 006495 00001080-02584

See above

Discharge stopped once flow was able to catch up, and rain subsided

See above

See above

See above

See question 37

See above

See above

Will also CCTV main line.

See above

See above

See above

Recaptured about ninety percent of the overflow with a diversion dam to the 15" sewer main located close to the 12" se

See above

See above

Cleaned up and disinfected the whole area in the roadway and swale area.

See above

See above

See above

See above

See above

See above

See # 35, also recaptured around ninety percent of the overflow with a diversion dam to the fifteen inch sewer main locat

See above

See above

See above

See above # 37

Cleaned up and mitigated the effects of the spill.

Will be adding this area of mainline to are clean and video project in July.

See above

Crew jetted the main even though the surcharge had already released itself.

See above

Crew identified problem, cleared blockage and restored flow. Crew inspected storm drain system and was not able to cap

See above

Cleaned up the effected area around the manhole, vacuumed up sewage and grey matter, recovered approximately 100

See above.

See above.

See above.

See above

See above.

Root intrusion

See above

See above

As rain subsides sewer flow went down in the manhole returning to more normal flow.

As the heavy rains subsided the flow slowly returned to normal. Cleaned all curb and gutters on Monday morn the 19th .

As the heavy rains subsided the flows slowly returned to normal. Cleaned all curb and gutters Monday morn.

put out barricades and posted raw sewage signs around spill area

Crew opened up bypass line to recapture some of the spill.

see above

See above

See above

See above

12/29/2010 15:00
12/29/2010 7:05
1/16/2011 12:30

2/17/2011 15:15
2/25/2011 13:45
2/25/2011 13:45

3/20/2011 18:00
3/20/2011 15:00
3/20/2011 15:10
3/20/2011 11:59
3/23/2011 11:00
3/23/2011 11:10
3/25/2011 9:00
3/25/2011 10:00
3/25/2011 8:30
3/25/2011 8:45
3/25/2011 9:00
3/25/2011 8:15
3/25/2011 10:00
3/26/2011 16:00
3/28/2011 8:30
3/29/2011 16:00

10/2/2011 12:30

10/16/2011 19:32
10/29/2011 18:55

12/11/2011 17:00

1/21/2012 8:00
1/23/2012 11:00

3/15/2012 14:30
3/15/2012 14:05
3/19/2012 10:00
3/26/2012 8:30
4/13/2012 12:00
4/13/2012 16:00
4/13/2012 11:00

7/2/2012 11:46
6/29/2012 19:30

Plan rehabilitation or replacement of sewer
Other (specify below)
Other (specify below)

Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer

Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer
Other (specify below)
Other (specify below)
Other (specify below)
Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer
Other (specify below)
Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance;Other (specify below)
Adjusted schedule/method of preventive maintenance;Other (specify below)

Adjusted schedule/method of preventive maintenance

Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer

Plan rehabilitation or replacement of sewer;Other (specify below)
Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer
Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance
Other (specify below)

Replacement of sewer main in the next couple of years as per CDO.
Storm related event
Will be CCTVing this section of pipe in the next week.

Planned rehab of sewer main as per CDO.
Planned rehab of sewer main as per CDO
Planned rehab of sewer main as per CDO.

Planned rehab of sewer main as per CDO.
Planned rehab of sewer main as per CDO.
Planned rehab of sewer main as per CDO.
Planned rehab of sewer main as per CDO.
Planned rehab of sewer main as per CDO.
Planned rehab of sewer main as per CDO.
Storm related event.
Storm related event.
Storm related event
Planned rehab of sewer main as per CDO.
Planned rehab of sewer main as per CDO.
After heavy rainfall subsided the flow slowly returned to normal.
Planned rehab of sewer main as per CDO.
Planned rehab of the sewer main as per CDO.
Planned rehab of sewer main as per CDO.
Planned rehab of sewer main as per CDO.

See above

Will also be root foaming this line soon.
Public outreach and education about household cleaning rags and wipes that cause blockages in the mainline.

See above

Planned rehab of sewer main as per CDO.
Planned rehab of sewer main as per CDO.

[Planned rehab of sewer main as per CDO.
planned rehab of sewer main as per CDO.
Planned rehab of sewer main as per CDO.
Planned rehab of sewer main as per CDO.
Planned rehab of sewer main in a few years as per CDO
Planned rehab of sewer main as per CDO.
see above

See above
Will CCTV main the following week.

No
No
Yes

No
No
No

No
No
No
No
No
No
No
No
No
No
No
No
No
No
No
No
No

No

No
Yes

No

No
No

No
No
No
No
No
No
No

No
No

Creek was clear and running like a river.
Cherry Creek was flowing very fast, like a river.
Water looked very clear and running fast.

NA

NA

San Mateo Creek was running clear and fast.
San Mateo Creek was running clear and very fast.
San Mateo Creek was running clear and very fast.

NA

San Mateo creek was running clear and fast, just like a river.

Creek was running clear and fast.

Creek was running clear and fast.

Creek was running clear and fast.

San Mateo Creek was running clear and very fast.

Creek was running clear and fast.

NA

NA

NA

Creek was running clear and fast.

San Mateo Creek was running clear and fast more like a river than a creek.

NA

San Mateo creek was running fast and clear like a river, also water was being released from the dam above.

Dam release was going on, San Mateo Creek was running clear and fast..

San Mateo Creek was running clear and fast, Dam release was also going on from Crystal Springs Reservoir.

San Mateo Creek was running clear and fast. also dam release was going on from Crystal Springs Reservoir.

NA

NA

NA

NA

NA

NA

NA

NA

The crew said that they did not see any sewage discharge in the creek, and cleaned and vacuumed out residual sewage i

NA

To dark

No visual signs of sewage, there were fish swimming in the creek where the water samples were taken the morning of 10,

NA

NA

NA

NA

San Mateo Creek was running clear and fast.

San Mateo Creek was running clear and fast.

NA

NA

NA

San Mate Creek was running clear and fast like a river.

San Mateo creek was running clear and fast.

NA

Creek was clear and running like a river

Creek looks clear running fast

Creek was running fast looked clear

NA

Unknown creek was looking clear.

Yes
No
Yes

Yes
Yes
Yes

Yes
Yes
Yes
Yes
Yes
Yes
No
No
No
Yes
Yes
No
Yes
Yes
Yes
Yes

No

No
No

No

Yes
Yes

Yes
No
Yes
Yes
Yes
Yes
Yes

No
No

NA
NA
NA

San Mateo Creek
Cherry Creek
San Mateo Creek
NA
NA
San Mateo Creek
San Mateo Creek
San Mateo Creek
NA
San Mateo Creek
San Mateo Creek
San Mateo Creek
San Mateo Creek
San Mateo Creek
San Mateo Creek
Unknown creek area.
NA
NA
San Mateo Creek
San Mateo Creek
NA
San Mateo Creek
San Mateo Creek
San Mateo Creek
San Mateo Creek
NA
NA
NA
NA
NA
NA
NA
NA
San Mateo Creek
NA
Cherry Creek
San Mateo Creek
NA
NA
NA
NA
San Mateo Creek
San Mateo Creek
NA
NA
NA
San Mateo Creek
San Mateo Creek
NA
San Mateo creek
San Mateo creek
San Mateo creek
NA
NA
Unknown

No water quality samples taken
No water quality samples taken
Other (specify below)

No water quality samples taken
No water quality samples taken
No water quality samples taken

No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken
Not applicable to this spill
Not applicable to this spill
No water quality samples taken
No water quality samples taken
Not applicable to this spill
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken

Biological indicator(s) - specify below

No water quality samples taken
Biological indicator(s) - specify below

Not applicable to this spill

No water quality samples taken
No water quality samples taken

Not applicable to this spill
No water quality samples taken
No water quality samples taken
No water quality samples taken; Not applicable to this spill
No water quality samples taken
No water quality samples taken
No water quality samples taken

No water quality samples taken
Dissolved oxygen

No water samples were taken because the creek is all fenced off in the spill area, and there was no other access except a

See above

See above

To dangerous to take samples, creek was flowing like a river.

To dangerous to take water samples.

To dangerous

To dangerous, creek was running like a river clear, and fast.

To dangerous to take samples creek was flowing like a river.

To dangerous to take water samples.

See above

To dangerous to take water samples. the creek was more like a river then a creek.

See above

See above

To dangerous, creek was a river.

To dangerous creek was flowing like a river and no creek access in the area.

See above

See above

Fecal Coliform Analyses

To dark

Total Coliform and E coli

NA

jTo dangerous to take water samples creek was flowing like a river at the time.

To dangerous to take water samples creek was flowing full and fast.

See above

To dangerous to take water samples, creek was flowing like a river.

No samples taken it was to dangerous!

see above

see above

Need to analyzed

None of the above
None of the above
No water quality samples taken

None of the above
None of the above
None of the above

None of the above
None of the above
None of the above
None of the above
No water quality samples taken
None of the above
None of the above
None of the above
Not applicable to this spill
None of the above
None of the above
None of the above
None of the above
None of the above
None of the above

Regional Water Quality Control Board

None of the above
Regional Water Quality Control Board

Not applicable to this spill

None of the above
None of the above

None of the above
None of the above
None of the above
None of the above
None of the above
None of the above
No water quality samples taken

None of the above
County Health Agency;Regional Water Quality Control Board

See above

See above

See above

See above

See above

to dangerous to take water samples, creek was running clear and very fast.

See above

See above

See above

To dangerous to take water samples.

See above

See above

See 1.8

To dangerous to take samples creek was flowing like a river.

To dangerous to take samples due to creek flowing very fast and more like a river.

See above

See above

As soon as samples results come back we will notify the above agency.

To dangerous to take samples.

See above

107931	12/28/2010 23:45
107943	12/29/2010 6:40
110294	1/16/2011 15:20

110978	2/17/2011 15:30
111161	2/25/2011 10:30
111155	2/25/2011 8:30

111629	3/18/2011 14:30
111697	3/20/2011 12:15
111695	3/20/2011 12:15
111694	3/20/2011 12:15
111803	3/23/2011 9:35
111804	3/23/2011 9:35
111929	3/25/2011 10:50
111928	3/25/2011 10:50
111926	3/25/2011 10:50
111925	3/25/2011 10:50
111924	3/25/2011 10:50
111922	3/25/2011 10:50
111841	3/24/2011 11:25
111972	3/26/2011 18:00
111955	3/26/2011 10:10
111956	3/26/2011 9:35

112917	5/11/2011 16:02
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115846	10/2/2011 13:47
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116174	10/16/2011 20:30
116472	10/29/2011 19:30

117319	12/11/2011 17:27
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120468	1/23/2012 12:21
120470	1/23/2012 12:24

121523	3/15/2012 15:10
121522	3/15/2012 15:10
121556	3/16/2012 15:00
121771	3/26/2012 10:15
122191	4/13/2012 10:00
121290	4/13/2012 10:00
122192	4/13/2012 10:00

123808	6/29/2012 14:05
123813	6/29/2012 20:06

2SSO10142	Active	785636 Tony Gerald	Certified
2SSO10142	Active	786288 Tony Gerald	Certified
2SSO10142	Active	787064 Tony Gerald	Certified
2SSO10142	Active	788693 Tony Gerald	Certified
2SSO10142	Active	788699 Tony Gerald	Certified
2SSO10142	Active	788718 Tony Gerald	Certified
2SSO10142	Active	788721 Tony Gerald	Certified
2SSO10142	Active	788725 Tony Gerald	Certified
2SSO10142	Active	789138 Tony Gerald	Certified
2SSO10142	Active	789279 Tony Gerald	Certified
2SSO10142	Active	789293 Tony Gerald	Certified
2SSO10142	Active	789294 Tony Gerald	Certified
2SSO10142	Active	789295 Tony Gerald	Certified
2SSO10142	Active	789560 Tony Gerald	Certified
2SSO10142	Active	792339 Tony Gerald	Certified
2SSO10142	Active	792702 Tony Gerald	Certified
2SSO10142	Active	793253 Tony Gerald	Certified
2SSO10142	Active	793766 Tony Gerald	Certified
2SSO10142	Active	794671 Tony Gerald	Certified
2SSO10142	Active	796065 Tony Gerald	Certified
2SSO10142	Active	797692 Tony Gerald	Certified
2SSO10142	Active	798431 Tony Gerald	Certified
2SSO10142	Active	799321 Thomas Barry	Certified
2SSO10142	Active	800721 Thomas Barry	Certified
2SSO10143	Active	719184	Submit Draft
2SSO10143	Active	719274	Submit Draft
2SSO10143	Active	725565	Ready To Certify
2SSO10143	Active	729009 Tom Roberts	Certified
2SSO10143	Active	731395 Tom Roberts	Certified
2SSO10143	Active	731397 Tom Roberts	Certified
2SSO10143	Active	731405 Tom Roberts	Certified
2SSO10143	Active	731416 Tom Roberts	Certified
2SSO10143	Active	731419 Tom Roberts	Certified
2SSO10143	Active	733129 Tom Roberts	Certified
2SSO10143	Active	748064 Tom Roberts	Certified
2SSO10143	Active	750038 Tom Roberts	Certified
2SSO10143	Active	751165 Tom Roberts	Certified
2SSO10143	Active	753082	Ready To Certify
2SSO10143	Active	763682 Tom Roberts	Certified
2SSO10143	Active	765142 Tom Roberts	Certified
2SSO10143	Active	796582	Ready To Certify
2SSO10145	Active	650104 Kent G. Peterson	Certified
2SSO10145	Active	650993 Dale McDonald	Certified
2SSO10145	Active	657116 Kent Peterson	Certified
2SSO10145	Active	708205 Kent Peterson	Certified
2SSO10145	Active	710554 Kent Peterson	Certified
2SSO10145	Active	711141 Kent Peterson	Certified
2SSO10145	Active	711347 Kent Peterson	Certified
2SSO10145	Active	714883 Dale McDonald	Certified
2SSO10145	Active	715308 Kent G. Peterson	Certified
2SSO10145	Active	715832 Kent G. Peterson	Certified
2SSO10145	Active	733491 Kent Peterson	Certified
2SSO10145	Active	735010 Dale McDonald	Certified
2SSO10145	Active	740852 Kent Peterson	Certified
2SSO10145	Active	740859 Kent Peterson	Certified

Supervisor
Supervisor

10/15/2012

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Tony Gerald
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Manager
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District Manager
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General Manager
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General Manager

6:59 A.M.		634160
	7:02 AM	726690
	7:18 AM	991504
	11:44	383636
	11:52	760492
	11:57	313242
	12:12	568821
	12:17	997228
	6:53	638641
	10:34 AM	745327
	10:29 AM	317148
	10:22 AM	395318
	10:14 AM	358242
	8:10	440219
	15:58	823458
	9:34	729186
8:29 A.M.		540362
	14:52	167814
	8:14	307790
11:11 A.M.		148623
	6:37 AM	474901
	14:24	217713
	8:21 AM	990194
	1349	948350
Mill Valley, Marin County		846734
Mill Valley, Marin County		947105
Mill Valley, Marin County		468678
Mill Valley, Marin County		149355
Mill Valley, Marin County		231861
Mill Valley, Marin County		919861
Mill Valley, Marin County		984593
Mill Valley, Marin Co.		926689
Mill Valley, Marin County		209456
Mill Valley, Marin County		298949
	5/8/2012	868538
Mill Valley, Marin County		751749
Crockett, CA		583999
	12/10/2010	616955
	10:22	549091
Crockett, CA		514069
Crockett, CA		118207
Crockett		572584
Crockett		810743
	12/10/2010	204396
Crockett, CA		292447
Crockett, CA		820022
	14:12	111404
	12/10/2010	389756
	2:15 PM	749182
	2:41 PM	408915

28-Aug-12	8/28/2012	30-Aug-12	8/30/2012
18-Sep-12	9/18/2012	25-Sep-12	9/25/2012
9-Oct-12	10/9/2012	15-Oct-12	10/15/2012
3-Dec-12	12/3/2012	5-Dec-12	12/5/2012
3-Dec-12	12/3/2012	5-Dec-12	12/5/2012
3-Dec-12	12/3/2012	5-Dec-12	12/5/2012
3-Dec-12	12/3/2012	5-Dec-12	12/5/2012
3-Dec-12	12/3/2012	5-Dec-12	12/5/2012
18-Dec-12	12/18/2012	19-Dec-12	12/19/2012
22-Dec-12	12/22/2012	2-Jan-13	1/2/2013
23-Dec-12	12/23/2012	2-Jan-13	1/2/2013
23-Dec-12	12/23/2012	2-Jan-13	1/2/2013
23-Dec-12	12/23/2012	2-Jan-13	1/2/2013
31-Dec-12	1/2/2013	2-Jan-13	1/2/2013
4-Mar-13	3/4/2013	20-Mar-13	3/20/2013
18-Mar-13	3/19/2013	27-Mar-13	3/27/2013
9-Apr-13	4/9/2013	15-Apr-13	4/15/2013
30-Apr-13	5/8/2013	8-May-13	5/8/2013
3-Jun-13	6/3/2013	17-Jun-13	6/17/2013
25-Jun-13	6/25/2013	2-Jul-13	7/2/2013
8-Aug-13	8/20/2013	20-Aug-13	8/20/2013
4-Sep-13	9/11/2013	11-Sep-13	10/21/2013
1-Oct-13	10/2/2013	25-Oct-13	10/25/2013
13-Nov-13	11/14/2013	14-Nov-13	11/14/2013
9-Jun-08			
10-Jun-08			
2-Sep-08			
6-Nov-08		6-Nov-08	11/6/2008
5-Jan-09		5-Jan-09	1/5/2009
5-Jan-09		5-Jan-09	1/5/2009
5-Jan-09		5-Jan-09	1/5/2009
5-Jan-09		5-Jan-09	1/5/2009
5-Jan-09		5-Jan-09	1/5/2009
4-Feb-09		4-Feb-09	2/4/2009
1-Jan-10		1-Jan-10	1/1/2010
3-Mar-10		3-Mar-10	3/3/2010
31-Mar-10		31-Mar-10	3/31/2010
6-Jun-10	6/6/2010		
24-Feb-11	2/24/2011	8-May-12	5/8/2012
5-Apr-11	4/5/2011	5-Apr-11	4/5/2011
9-Jul-13	7/9/2013		
3-May-07		8-May-07	5/8/2007
25-May-07		8-Jun-07	12/10/2010
11-Sep-07		11-Sep-07	9/11/2007
27-Nov-07		27-Nov-07	11/27/2007
31-Dec-07		31-Dec-07	12/31/2007
11-Jan-08		14-Jan-08	1/14/2008
17-Jan-08		17-Jan-08	1/17/2008
14-Mar-08		14-Mar-08	12/10/2010
25-Mar-08		25-Mar-08	3/25/2008
5-Apr-08		5-Apr-08	4/5/2008
12-Feb-09		12-Feb-09	2/12/2009
16-Mar-09		16-Mar-09	12/10/2010
8-Jul-09		8-Jul-09	7/8/2009
8-Jul-09		8-Jul-09	7/8/2009

Category 3		40	0
Category 1		275	32
Category 3		360	0
Category 1		67500	64800
Category 1		24000	0
Category 1		99000	95000
Category 1		450	0
Category 1		57600	0
Category 1		330	200
Category 1		12000	0
Category 1		40500	0
Category 1		6000	0
Category 1		6000	0
Category 1		1500	0
Category 3		840	0
Category 1		150	0
Category 1		1625	10
Category 3		75	0
Category 3		324	0
Category 1		420	20
Category 1		321	25
Category 3	0	3	0
Category 3	450	450	0
Category 1	68	218	89
Category 3		15	0
Category 3		20	0
Category 3		20	0
Category 3		15	0
Category 3		5	0
Category 3		50	50
Category 3		5	0
Category 3		5	0
Category 3		20	20
Category 3		500	0
Category 3		200	0
Category 3		30	0
Category 3		5	0
Category 1		325	325
Category 3		75	75
Category 1		900	0
Category 3		100	100
Category 2		2400	540
Category 1		200	25
Category 3		2	0
Category 3		2	0
Category 3		10	0
Category 3		50	0
Category 3		5	0
Category 1		150	0
Category 3		10	0
Category 3		10	0
Category 1		50	0
Category 1		150	0
Category 3		10	0
Category 3		15	0

0 No	No
243 No	No
0 No	Yes
2700 Yes	Yes
24000 Yes	Yes
4000 Yes	Yes
450 Yes	Yes
57600 Yes	Yes
130 No	No
12000 Yes	Yes
40500 Yes	Yes
6000 Yes	Yes
6000 Yes	Yes
1500 Yes	Yes
0 No	No
150 No	Yes
1615 No	Yes
0 No	No
0 No	No
400 No	No
296 No	No
0 No	No
0 No	No
125 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
325 Yes	No
0 No	Yes
900 Yes	No
0 No	No
0 No	No
175 No	Yes
No	No
No	No
No	No
No	No
No	No
150 No	Yes
0 No	No
0 No	No
50 Yes	Yes
150 No	Yes
0 No	No
0 No	No

[illegible]

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Hillsborough
981 greenhill road
Castle Rock Road
121 Reed St.
568 Montford Drive
405 Montford Ave
115 Reed Street
949 Greenhill Road
338 N. Ferndale Ave.
179 Homestead Blvd.
420 LaVerne Ave.
Greenhill Rd at Loring Ave
39 Castle Rock Dr.
514 Pixie Trail
LaVerne Ave. & Montford Ave., Mill Valley, Marin County, CA
981 Greenhill Road, Mill Valley
320 LaVerne Ave.
Intersection of LaVerne & Montford Aves.
Wanda Street, Crockett
Kendall Avenue, Crockett
Emerson Avenue
Emerson alley
1845 Pomona St
Emerson Avenue easement
EMERSON AVENUE
Merchant Street
Crolona Heights Drive
6 Crolona Heights Drive
Emerson Avenue easement
Merchant St.
Merchant Street
Pomona and Fifth Ave

37.53107	-122.35767 San Mateo
37.56429	-122.3731 San Mateo
37.53998	-122.35471 San Mateo
37.5529	-122.33964 San Mateo
37.54868	-122.3461 San Mateo
37.5529	-122.33964 San Mateo
37.57805	-122.36653 San Mateo
37.54868	-122.3461 San Mateo
37.53614	-122.34907 San Mateo
37.55583	-122.33889 San Mateo
37.55583	-122.33889 San Mateo
37.57734	-122.36735 San Mateo
37.55428	-122.35735 San Mateo
37.55588	-122.33886 San Mateo
37.5386	-122.35155 San Mateo
37.53877	-122.35337 San Mateo
37.57003	-122.35946 San Mateo
37.57083	-122.35569 San Mateo
37.55528	-122.34693 San Mateo
37.54887	-122.35154 San Mateo
37.57038	-122.37113 San Mateo
37.54164	-122.343 San Mateo
37.57038	-122.37113 San Mateo
37.55326	-122.36787 San Mateo
37.522222	122.543056 Marin
37.8825	122.55825 Marin
37.894444	122.5375 Marin
37.899722	122.551194 Marin
37.898333	122.547222 Marin
37.894333	122.543333 Marin
37.889528	122.534028 Marin
37.893889	122.545 Marin
37.891667	122.538194 Marin
37.897778	122.548611 Marin
37.889111	-122.533333 Marin
37.900833	-122.548056 Marin
37.899722	-122.550278 Marin
37.899722	-122.552778 Marin
37.89026	-122.54001 Marin
37.896778	-122.543958 Marin
37.89912	-122.5507 Marin
38.053889	122.2275 Contra Costa
38.053056	-122.233333 Contra Costa
38.051111	122.211944 Contra Costa
38.051389	122.211111 Contra Costa
38.053992	122.229097 Contra Costa
38.050861	122.21175 Contra Costa
38.050761	122.212092 Contra Costa
38.053489	-122.230567 Contra Costa
38.054722	122.219167 Contra Costa
38.054722	122.219167 Contra Costa
38.050861	122.21175 Contra Costa
38.053194	-122.230167 Contra Costa
38.053194	-122.230167 Contra Costa
38.052311	-122.225367 Contra Costa

[illegible]

Easement area on hill along side roadway.
Located in easement area behind all the homes.
Manhole on hill adjacent to driveway.
Manhole is located in the shoulder of the roadway.
Roadway
Manhole is located in the shoulder of the roadway.
Manhole in roadway.
Roadway
Easement area on side of a hill.
Manhole
Manhole along road shoulder and manhole at the intersection of Crystal Springs and Merner Rd.
Manhole in the roadway.
Manhole in roadway.
Manhole located in the shoulder of the roadway
Located in city easement area behind all the homes. Where sewage just soaked into the ground.
Manhole overflow in street
Manhole located in parking strip.
Manhole in street.
Easement area.
In easement area located across the street from 257 Woodridge. In dry creek bed area.
On fire trail in easement area behind 2280 Skyfarm Dr.
Manhole in the street located out 1020 Tournament Dr. in Hillsborough.
On fire trail in easement behind 2280 Skyfarm Dr

manhole overflow
Manhole overflow
Residential

Overflowing manhole
Overflow in Sewer Easement

Overflowing manhole

Overflowing manhole in paved roadway, unpaved shoulders on both sides.
Overflowing manhole
Manhole in road
Sewer cleanout
Overflow from manhole in road, flowed into drainage channel
Stoppage of sewer main resulting in overflow of manhole
Under house and in rear yard area of single family residence.
Intersection of LaVerne Ave. with Montford Ave.
Carquinez Bridge construction area under excavation by contractor for Caltrans. A dirt hillside area under the bridge.
Sewage was initially leaking intermittently thru private retaining wall along road. First report investigated on 5/19. Second
Manhole in the road
Dirt/gravel alley behind address.
Sidewalk area
Hillside easement, from cleanout E-03-15.
Spill occurred in the road from manhole E-03-10A.
Sewer cleanout W-10-01 located in a paved road.
Rodding inlet N-01-12 on a paved road was leaking.
Rodding inlet N-01-12 on Crolona Heights Dr. was found leaking for the second time. This is a repeat on an incident that
Cleanout in hillside easement.
Manhole in street overflowed.
Spill located in the road trickling from a crack in the pavement.
Sidewalk at end of Fifth Ave

1
1
1

d report investigated on 5/23 but no me:

occurred on March 24 (Event ID 715308

Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Other (specify)
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Manhole;Gravity sewer
Gravity Mainline
Manhole
Manhole
Pump station
Other sewer system structure
Manhole
Manhole
Other sewer system structure
Manhole
Manhole
Other sewer system structure
Manhole
Manhole
Manhole
Gravity sewer
Manhole
Manhole
Gravity sewer
Gravity sewer
Gravity sewer
Other (specify)
Manhole
Gravity sewer
Other sewer system structure
Other sewer system structure
Manhole
Other sewer system structure
Other sewer system structure
Other sewer system structure
Other sewer system structure
Manhole
Other (specify)
Manhole

See above
See above
See above.
See above
Manhole
See above
Manhole
Manhole
Fracture in sewer main caused by a fallen tree.
See above
See above.
See above.
See above
see above
Manhole
Manhole
See above
Manhole
See above
See above.
See above
See above
see above
coming out of manhole

Rod Hole overflowing on hillside below 121 Reed St.

Sewer cleanout

Sewer Cleanout

Sewage overflowed from ground floor plumbing fixtures and from rear yard cleanout.

Intermittent spill was first thought to be coming from a private lateral, as determined by dye test. Owner was notified of the

Water was trickling from a closed cleanout.

Rodding inlet N-01-12

Small crack in the pavement of the street.

Unpaved surface
Unpaved surface
Separate storm drain;Street/curb and gutter;Unpaved surface
Separate storm drain;Street/curb and gutter;Surface water;Unpaved surface
Surface water;Unpaved surface
Street/curb and gutter;Surface water
Separate storm drain
Surface water;Unpaved surface
Unpaved surface
Separate storm drain;Street/curb and gutter;Surface water
Street/curb and gutter;Surface water;Unpaved surface
Separate storm drain;Street/curb and gutter
Separate storm drain;Street/curb and gutter
Combined storm drain (combined CS only)
Unpaved surface
Separate storm drain
Separate storm drain;Street/curb and gutter;Unpaved surface
Other paved surface
Unpaved surface
Unpaved surface
Unpaved surface
Paved Surface
Drainage Channel
Paved Surface;Separate Storm Drain
Other (specify below)
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Other (specify below)
Separate storm drain
Surface water
Other (specify below)
Unpaved surface
Separate storm drain
Street/curb and gutter
Unpaved surface
Unpaved surface
Unpaved surface
Street/curb and gutter
Separate storm drain
Street/curb and gutter
Street/curb and gutter
Surface water
Separate storm drain;Street/curb and gutter
Street/curb and gutter
Other paved surface;Unpaved surface

Spill soaked into dirt area along the side of the roadway.

Spill soaked into the ground.

See above.

See above

See above

See above

See above

See above

See above

San Mateo Creek

Flow exceeded capacity due to heavy rains, went into storm drain.

See above.

see above

See question sixteen.

see 16

See above

See above

See above

See above.

Spill ran down the fire trail.

See above.

spill ran down fire trail and off the road to Sanchez creek which is a dry creek bed in summer months

Unpaved roadside ditch.

Unpaved dirt channel, yard/land

Spillage flowed into drainage channel, not carrying water at the time of the SSO. Spillage contained in natural pockets in

Spill flowed into waterway at rear of property, and thence into Richardson Bay, about 1 mile downstream.

Dry creek bed

Spill was able to dry in the roadside gutter.

Other paved surface was sidewalk with slight slope to dirt embankment.

8/28/2012 7:45	8/28/2012 7:55	8/28/2012 8:00	8/28/2012 8:05
9/8/2012 20:00	9/8/2012 20:10	9/8/2012 20:35	9/8/2012 20:55
10/7/2012 11:45	10/7/2012 12:00	10/7/2012 13:00	10/7/2012 13:45
11/30/2012 8:30	11/30/2012 8:00	11/30/2012 8:10	11/30/2012 15:00
11/30/2012 10:00	11/30/2012 11:00	11/30/2012 11:20	11/30/2012 14:00
12/2/2012 7:00	12/2/2012 6:00	12/2/2012 6:30	12/2/2012 20:00
12/2/2012 8:00	12/2/2012 8:17	12/2/2012 8:35	12/2/2012 9:00
12/2/2012 10:00	12/2/2012 10:35	12/2/2012 10:35	12/2/2012 16:00
12/6/2012 14:45	12/6/2012 15:15	12/6/2012 15:30	12/6/2012 17:30
12/22/2012 7:00	12/22/2012 7:30	12/22/2012 7:30	12/22/2012 11:00
12/23/2012 10:30	12/23/2012 11:00	12/23/2012 12:30	12/23/2012 18:30
12/23/2012 14:00	12/23/2012 14:45	12/23/2012 15:15	12/23/2012 18:00
12/23/2012 15:00	12/23/2012 15:00	12/23/2012 15:20	12/23/2012 17:30
12/31/2012 11:30	12/31/2012 11:30	12/31/2012 11:30	12/31/2012 12:00
3/2/2013 13:30	3/2/2013 16:30	3/2/2013 17:30	3/2/2013 20:30
3/17/2013 22:15	3/17/2013 22:30	3/17/2013 23:15	3/17/2013 23:30
4/6/2013 9:40	4/6/2013 10:00	4/6/2013 10:30	4/6/2013 10:45
4/30/2013 13:25	4/30/2013 13:30	4/30/2013 13:35	4/30/2013 13:40
5/30/2013 9:45	5/30/2013 11:15	5/30/2013 11:30	5/30/2013 12:27
6/16/2013 10:30	6/16/2013 10:45	6/16/2013 11:30	6/16/2013 2:00
8/7/2013 13:50	8/7/2013 14:45	8/7/2013 15:05	8/7/2013 15:37
8/27/2013 18:16	8/27/2013 18:35	8/27/2013 19:10	8/27/2013 19:15
10/1/2013 10:30	10/1/2013 10:45	10/1/2013 11:00	10/1/2013 11:15
11/13/2013 13:46	11/13/2013 14:06	11/13/2013 14:11	11/13/2013 14:16
6/5/2008 9:20	6/5/2008 9:20	6/5/2008 9:30	6/5/2008 10:30
5/2/2008 9:30	5/2/2008 9:33	5/2/2008 9:30	5/2/2008 10:30
8/15/2008 8:15	8/15/2008 8:30	8/15/2008 8:47	8/15/2008 9:01
10/13/2008 9:10	10/13/2008 9:10	10/13/2008 9:15	10/13/2008 9:40
12/6/2008 11:30	12/6/2008 11:30	12/6/2008 12:00	12/6/2008 12:00
12/6/2008 1:00	12/6/2008 1:00	12/6/2008 1:00	12/6/2008 2:00
12/12/2008 11:55	12/12/2008 11:55	12/6/2008 12:25	12/12/2008 12:50
12/29/2008 10:05	12/29/2008 10:05	12/29/2008 10:15	12/29/2008 10:45
12/31/2008 10:00	12/31/2008 10:00	12/31/2008 10:20	12/31/2008 11:15
1/14/2009 4:00	1/14/2009 4:00	1/14/2009 4:30	1/14/2009 7:30
12/5/2009 12:05	12/5/2009 12:05	12/5/2009 12:55	12/5/2009 2:30
2/8/2010 15:30	2/8/2010 15:30	2/8/2010 15:45	2/8/2010 16:15
3/6/2010 8:57	3/6/2010 8:57	3/6/2010 8:57	3/6/2010 9:45
5/12/2010 11:00	5/12/2010 11:00	5/12/2010 11:10	5/12/2010 11:40
2/23/2011 13:15	2/23/2011 13:15	2/23/2011 13:30	2/23/2011 13:35
3/22/2011 20:30	3/22/2011 20:30	3/22/2011 21:15	3/22/2011 22:15
6/8/2013 8:45	6/8/2013 8:45	6/8/2013 9:00	6/8/2013 9:20
5/3/2007 8:30	5/3/2007 9:10	5/3/2007 9:20	5/3/2007 10:25
5/24/2007 6:30	5/24/2007 9:00	5/24/2007 9:30	5/24/2007 9:58
9/10/2007 16:00	9/10/2007 16:05	9/10/2007 16:30	9/10/2007 16:40
11/25/2007 8:00	11/25/2007 14:34	11/25/2007 15:01	11/26/2007 13:45
12/26/2007 0:00	12/26/2007 13:25	12/26/2007 13:55	12/26/2007 14:02
1/10/2008 0:00	1/10/2008 18:03	1/10/2008 18:12	1/10/2008 18:46
1/16/2008 8:00	1/16/2008 8:37	1/16/2008 8:52	1/16/2008 9:00
3/14/2008 6:00	3/14/2008 8:07	3/14/2008 8:17	3/14/2008 9:08
3/24/2008 15:30	3/24/2008 16:00	3/24/2008 16:20	3/24/2008 19:15
3/27/2008 10:00	3/27/2008 11:15	3/27/2008 12:25	3/27/2008 14:10
2/12/2009 11:18	2/12/2009 11:20	2/12/2009 11:00	2/12/2009 11:18
3/16/2009 0:00	3/16/2009 12:20	3/16/2009 13:45	3/16/2009 0:00
7/5/2009 0:00	7/5/2009 12:30	7/5/2009 12:58	7/5/2009 14:40
7/8/2009 0:00	7/8/2009 11:10	7/8/2009 11:14	7/8/2009 11:30

Other (specify below)
Root intrusion
Root intrusion
Flow exceeded capacity (Separate CS Only)
Flow exceeded capacity (Separate CS Only)
Flow exceeded capacity (Separate CS Only)
Flow exceeded capacity (Separate CS Only)
Flow exceeded capacity (Separate CS Only)
Pipe structural problem/failure
Flow exceeded capacity (Separate CS Only)
Flow exceeded capacity (Separate CS Only)
Flow exceeded capacity (Separate CS Only)
Flow exceeded capacity (Separate CS Only)
Root intrusion
Root intrusion
Other (specify below)
Root intrusion
Debri-Rags
Debri-Rags
Root intrusion
Debri-Rags
Grease deposition (FOG)
Debris from Lateral
Root Intrusion
Other (specify below)
Root intrusion
Root intrusion
Other (specify below)
Debris
Debris
Root intrusion
Debris
Grease deposition (FOG)
Root intrusion
Debri-General
Other (specify below)
Other (specify below)
Other (specify below)
Grease deposition (FOG)
Root intrusion
Other (specify below)
Other (specify below)
Pipe structural problem/failure
Root intrusion
Root intrusion
Debris
Root intrusion
Debris
Debri-General
Root intrusion
Root intrusion
Other (specify below)
Debri-Rags
Debri-Rags
Debri-Rags

Some debris such as roadway buttons, and some root intrusion.

See above

Root intrusion at the base of the eighteen foot deep manhole.

See above

See above

See above

See above.

See above.

See above

See above

Flow exceeded capacity due to big storm.

Heavy rains caused the sewer main to overflow due to flow exceeding capacity.

Flow exceeded capacity due to heavy rains.

Doing routine maint. on sewer main and line started backing up as we were doing it.

See above

construction debris metal band & heavy dirt concentration

Root intrusion.

Some root intrusion also.

See above

See above.

See above.

See above.

see above

see above

grease and roots

Grease, grit/gravel

Cause of stoppage not determined

Wipes, tree root intrusion

Paper, roots, grit/gravel

Grit, gravel, grease

Contractor for Caltrans broke well-marked sewer with bulldozer during site excavation.

Pipe failure was due to multiple illegal, defective lateral connections and illegal lateral materials .

This line had been cleaned by rodder just one day earlier. Investigation in progress.

Roots were encountered by maintenance contractor during preventive maintenance of 6 sewer on hillside. During removal

Main
Upper Lateral
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Gravity Mainline
Gravity Mainline
Main
Main
Main
Main
Main

Main
Main
Main
Main

Main
Main
Main

Other (specify below)

Other (specify below)

Main
Main
Main
Main

See above

Smartcover alarm notifies the Town Public Works crew the the flow is beginning to rise out of the channel in the manhole

Smartcover alarm notifies Town Public Works crew the flow is beginning to rise out of the channel in the manhole. Before
See above.

See above

See above

See above.

See above.

See above.

See above

See above

See above

See above.

See above.

CCTVD main line segment and pipe was in good condition.

Four inch roots that must have come from a clogged lateral that a plumber unclogged for a home owner and caused are r

Failed illegal lateral connections to main line

Cleanout

. Before the actual SSO begi
the actual SSO begins to sl

No
No
No

6 VCP
6 VCP
6 VCP
15 VCP
15 Liner
15 VCP
6 HDPE
15 Liner
8 VCP
15 VCP
15 VCP
6 VCP
8 HDPE
15 VCP
6 VCP
6 VCP
10 liner
8 VCP
6 liner
6 liner
6 VCP
6 VCP
6 VCP
6 VCP
6 clay
6 plastic
6 Clay
Clay

6 Clay

6 VCP
4 steel
Plastic
6 Clay
6 clay
6 Clay
8 DIP
6 VCP
6 HDPE
6 VCP
4 VCP
6 VCP
6 VCP
4 VCP
6 VCP
6 VCP
4 VCP
4 VCP
4 VCP

45
45
50
56
46
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46
42
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7
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87
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4
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69
89
89
89

Cleaned-up (mitigated effects of spill);Inspected sewer using CCTV to determine cause;Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill
Cleaned-up (mitigated effects of spill);Inspected sewer using CCTV to determine cause;Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Inspected sewer using CCTV to determine cause;Restored flow
Cleaned-up (mitigated effects of spill);Inspected sewer using CCTV to determine cause;Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow
Cleaned-up (mitigated effects of spill);Inspected sewer using CCTV to determine cause
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R

Cleaned-Up;Mitigated Effects of Spill;Contained all or portion of spill
Restored flow
Restored flow
Restored flow
Restored flow
Restored flow
Contained all or portion of spill
Restored flow
Restored flow
Restored flow
Restored flow;Returned all or portion of spill to sanitary sewer system
Restored flow
Restored flow
Cleaned-up (mitigated effects of spill)
Contained all or portion of spill
Restored flow;Returned all or portion of spill to sanitary sewer system
Restored flow
Cleaned-up (mitigated effects of spill)
Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanitary sewer system
Cleaned-up (mitigated effects of spill);Inspected sewer using CCTV to determine cause;Restored flow;Returned all or por
Restored flow
Contained all or portion of spill
Cleaned-up (mitigated effects of spill);Restored flow
Restored flow
Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Restored flow
Cleaned-up (mitigated effects of spill);Inspected sewer using CCTV to determine cause;Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Restored flow
Cleaned-up (mitigated effects of spill);Restored flow

See above.

See above

See above.

See above

Put out barricades and posted raw sewage spill signs around spill area.

See above

See above.

See above.

CCTV the main line and did a temporary fix, will be pipe bursting the main line weather permitting within the next three weeks. As storm subsided flows slowly went back to normal.

As the heavy rains subsided the flows slowly returned to normal.

As the rains subsided the flows slowly returned to normal.

See above.

see above

See above.

Restored Flow Inspected seRestored Flowwer using CCTV Cleaned up mitigated effects of spill

Pulled out roots that were growing at the base of the manhole.

Also main line had some root growing in it so we recleaned the line with the power rodder and jetted it. Will be having the CCTVing main line this week some time.

Very steep easement area, crew cleaned up and mitigated the effects of the spill. Very hard area to CCTV because of the slope. After CCTVing, the main looks to be in good condition, the cause was just rags and debris in the line.

Removed blockage, restored flow thru pipe, vacuumed spillage from dry creek bed, cleaned up site.

Minor seepage was noted in a dirt/gravel alley and contained there.

10/8/2012 11:00
12/3/2012 11:30
11/30/2012 11:59
12/3/2012 12:00
12/3/2012 8:30
12/3/2012 12:00

12/22/2012 11:30
12/23/2012 18:30
12/23/2012 18:30
12/23/2012 17:33
12/31/2012 12:00

3/18/2013 10:00
4/8/2013 14:30

11/13/2013 14:16

5/13/2010 10:45

3/22/2011 21:30

5/3/2007 10:25
5/24/2007 10:25

3/14/2008 9:30

2/12/2009 12:00
3/16/2009 14:45

Other (specify below)

Plan rehabilitation or replacement of sewer

Plan rehabilitation or replacement of sewer

Plan rehabilitation or replacement of sewer

Other (specify below)

Plan rehabilitation or replacement of sewer

Plan rehabilitation or replacement of sewer

Plan rehabilitation or replacement of sewer

Other (specify below)

Other (specify below)

Plan rehabilitation or replacement of sewer

Other (specify below)

Adjusted schedule/method of preventive maintenance

Inspected Sewer Using CCTV to Determine Cause

Repaired sewer

Adjusted schedule/method of preventive maintenance

Other (specify below)

Repaired sewer

Plan rehabilitation or replacement of sewer

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance;Plan rehabilitation or replacement of sewer

Pulled out root mass that was growing at the bottom of the manhole and treated the base of the manhole with chemical rc
Planned rehab of sewer main as per CDO.

Planned rehab of sewer main in a few years as per CDO.

Planned rehab of sewer main as per CDO.

Capacity issues all the way downstream into Burlingame area.

planned rehab of sewer main in a few years as per CDO.

Planned rehab of sewer main as per CDO.

Planned rehab of Sewer main as per CDO.

To much storm surge for the sewer main capacity.

Heavy rains causing capacity problems on sewer main line.

Planned rehab of sewer main as per CDO

This section of mainline is under chemical root foaming and after CCTVing line the pipe looks very good inside, SSO was
See above

chemically treat line

Sewer is being relocated by contractor for Caltrans.

Sewer was repaired on May 31, 2007.

Preventive maintenance of this sewer was behind schedule because the County had paved over our access structure. W

No
No
No
No
No
No

No
No
No
No
No

Yes
Yes

Yes

CCTV

No

No

No
No

Yes

No
No

NA

NA

NA

San Mateo Creek was running clear and fast.

Creek was clear and running like a river.

Creek was running clear and fast.

NA

Creek was running clear and fast.

NA

Creek was running fast and clear.

San Mateo Creek was running clear and fast.

San Mateo creek was running clear and fast.Dam release going on from Crystal Springs Dam

NA

NA

NA

NA

NA

NA

NA

Storm water runoff extremely high due to heavy rainfall

Spill did not reach receiving waters.

Not applicable

No
Yes
Yes
Yes
No
Yes

Yes
Yes
No
No
Yes

No
No

No

No

No

No

No
No

No

No
No

NA
NA
NA
NA
NA
NA
NA
NA
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NA
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NA
NA
NA
NA
NA
NA
NA
NA
NA
NA

NA

NA

Spill did not reach any beaches.

NA
NA

NA

NA
NA

NA
NA
NA
San Mateo Creek
San Mateo Creek
San Mateo Creek
Have no name for this creek.
San Mateo Creek
NA
San Mateo Creek
San Mateo Creek
Creek name unknown.
San Mateo Creek
San Mateo Creek
NA
NA
NA
NA
NA
NA
NA

NA

Richardson Bay
No surface waters were impacted
NA
Carquinez Strait

Carquinez Strait

Carquinez Strait
Carquinez Strait

Not applicable to this spill
No water quality samples taken
No water quality samples taken
No water quality samples taken
Not applicable to this spill
No water quality samples taken

No water quality samples taken
No water quality samples taken
Not applicable to this spill
No water quality samples taken
No water quality samples taken

No water quality samples taken
No water quality samples taken

No water quality samples taken

Not applicable to this spill

Not applicable to this spill

No water quality samples taken;Not applicable to this spill
No water quality samples taken;Not applicable to this spill

No water quality samples taken

No water quality samples taken
No water quality samples taken;Not applicable to this spill

To dangerous to take water samples creek was flowing full and fast.

To dangerous to take water samples creek was running like a river.

To dangerous to take water samples creek was flowing more like a river then a creek. Many calls coming in.

No samples taken to dangerous.

To dangerous to take water samples.

see above

See above

Not applicable to this spill

None of the above

None of the above

None of the above

None of the above

None of the above

None of the above

None of the above

None of the above

None of the above

None of the above

None of the above

None of the above

Regional Water Quality Control Board

Not applicable to this spill

County Health Agency

None of the above

None of the above

None of the above

No water quality samples taken

None of the above

See above

To dangerous to take samples.

To dangerous to take water samples creek was flowing like a river and lots of calls were coming in.

to dangerous to take samples creek flowing like a river due to dam release

NA

Picture
sewer overflow charts
Measurement of spill & manhole overflow picture charts

126036	10/7/2012 15:25
127246	11/30/2012 11:10
127248	11/30/2012 11:10
127377	12/3/2012 14:34
127379	12/3/2012 2:34
127378	12/3/2012 14:34

127817	12/22/2012 13:57
127862	12/23/2012 19:10
127863	12/23/2012 19:10
127864	12/23/2012 19:10
128017	12/31/2012 15:45

131646	3/18/2013 10:00
132066	4/6/2013 15:00

137023	11/13/2013 15:10
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82056	3/14/2008 9:46
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92295	3/16/2009 13:29
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Tony Gerald
thomas Barry
Thomas Barry

6503757507
6503757507
18008527550

2SSO10145	Active	745477 Kent Peterson	Certified
2SSO10145	Active	746819 Kent Peterson	Certified
2SSO10145	Active	758851 Dale McDonald	Certified
2SSO10145	Active	767998 Dale McDonald	Certified
2SSO10145	Active	774250 Dale McDonald	Certified
2SSO10145	Active	775583 Dale McDonald	Certified
2SSO10145	Active	775915 Dale McDonald	Certified
2SSO10145	Active	776553 Dale McDonald	Certified
2SSO10145	Active	778556 Dale McDonald	Certified
2SSO10145	Active	782169 Dale McDonald	Certified
2SSO10145	Active	785627 Dale McDonald	Certified
2SSO10145	Active	788811 Dale McDonald	Certified
2SSO10145	Active	789237 Dale McDonald	Certified
2SSO10145	Active	790387 Dale McDonald	Certified
2SSO10145	Active	791644 Dale McDonald	Certified
2SSO10145	Active	792863 Dale McDonald	Certified
2SSO10145	Active	793375 Michael Kirker	Certified
2SSO10145	Active	797698 Dale McDonald	Certified
2SSO10145	Active	798598 Dale McDonald	Certified
2SSO10145	Active	800653 Dale McDonald	Certified
2SSO10145	Active	800658 Dale McDonald	Certified
2SSO10147	Active	654298 Mark Williams	Certified
2SSO10147	Active	655946 Mark Williams	Certified
2SSO10147	Active	657190 Mark Williams	Certified
2SSO10147	Active	657906 Mark Williams	Certified
2SSO10147	Active	706711 Mark Williams	Certified
2SSO10147	Active	706713 Mark Williams	Certified
2SSO10147	Active	710648 Mark Williams	Certified
2SSO10147	Active	710763 Mark Williams	Certified
2SSO10147	Active	711378 Mark Williams	Certified
2SSO10147	Active	716141 Mark Williams	Certified
2SSO10147	Active	718494 Mark Williams	Certified
2SSO10147	Active	733945 Mark Williams	Certified
2SSO10147	Active	741413 Mark Williams	Certified
2SSO10147	Active	742206 Mark Williams	Certified
2SSO10147	Active	742561 Mark Williams	Certified
2SSO10147	Active	744524 Mark Williams	Certified
2SSO10147	Active	749433 Mark Williams	Certified
2SSO10147	Active	750874 Mark Williams	Certified
2SSO10147	Active	764761 Mark Williams	Certified
2SSO10147	Active	769397 Mark Williams	Certified
2SSO10147	Active	779642 Mark Williams	Certified
2SSO10147	Active	785346 Mark Williams	Certified
2SSO10147	Active	786834 Mark Williams	Certified
2SSO10147	Active	787647 Mark Williams	Certified
2SSO10147	Active	788533 Mark Williams	Certified
2SSO10147	Active	788658 Mark Williams	Certified
2SSO10147	Active	788668 Mark Williams	Certified
2SSO10147	Active	789284 Mark Williams	Certified
2SSO10147	Active	796333 Mark Williams	Certified
2SSO10147	Active	799920 Janice Mandler	Certified
2SSO10148	Active	657916 Karl Kraft	Certified
2SSO10148	Active	704866 Karl Kraft	Certified
2SSO10148	Active	708467 Karl Kraft	Certified
2SSO10148	Active	711662 Karl Kraft	Certified

General Manager
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General Manager
General Manager
General Manager
General Manager
General Manager
Collections System Manager
Public Works Supervisor
Public Works Supervisor
Public Works Supervisor
Public Works Supervisor-Collections

	3:28 PM	766736
	3:07 PM	291750
Crockett CA		680333
Crockett CA		431646
Crockett, CA		906612
Crockett, CA		753736
Crockett, CA		491994
Crockett, CA		997048
Crockett, CA		918784
Crockett, CA		767092
Crockett, CA		246873
Crockett, CA		686977
Crockett, CA		576123
Crockett, CA		421479
Crockett, CA		343409
Crockett, CA		992398
Crockett		694711
Crockett, CA		255970
Crockett, CA		343857
Crockett, CA		668846
Crockett, CA		291184
Las Gallinas Valley Sanitary District		682615
San Rafael		637631
Las Gallinas Valley Sanitary District		735110
	10:50	725896
San Rafael		855853
	8:30	210447
Las Gallinas Valley Sanitary District		826898
San Rafael		272640
Las Gallinas		376682
Las Gallinas		178183
Las Gallinas		859049
San Rafael		479385
San Rafael		120732
San Rafael		425156
San Rafael		256748
Las Gallinas		499453
San Rafael		485552
Las Gallinas		878403
San Rafael		342169
San Rafael		147307
San Rafael		994564
San Rafael		552035
San Rafael		210546
San Rafael		757611
San Rafael		236831
San Rafael		607505
San Rafael		487298
San Rafael		277781
San Rafael		722891
San Rafael		294076
Livermore, CA		465869
City of Livermore		915050
City of Livermore		250848
City of Livermore		162700

7-Oct-09		7-Oct-09	10/7/2009
17-Nov-09		17-Nov-09	11/17/2009
22-Nov-10	11/22/2010	23-Nov-10	11/23/2010
29-Jun-11	7/22/2011	22-Jul-11	7/22/2011
17-Dec-11	12/17/2011	20-Dec-11	12/20/2011
9-Jan-12	1/9/2012	9-Jan-12	1/9/2012
17-Jan-12	1/17/2012	17-Jan-12	1/17/2012
28-Jan-12	1/28/2012	28-Jan-12	1/28/2012
9-Mar-12	3/9/2012	9-Mar-12	3/9/2012
14-Jun-12	6/14/2012	14-Jun-12	6/14/2012
28-Aug-12	8/28/2012	28-Aug-12	8/28/2012
5-Dec-12	12/5/2012	5-Dec-12	12/5/2012
21-Dec-12	12/21/2012	21-Dec-12	12/21/2012
16-Jan-13	1/16/2013	16-Jan-13	1/16/2013
13-Feb-13	2/13/2013	13-Feb-13	2/13/2013
25-Mar-13	3/25/2013	25-Mar-13	3/25/2013
15-Apr-13	4/15/2013	15-Apr-13	4/15/2013
8-Aug-13	8/8/2013	8-Aug-13	8/8/2013
9-Sep-13	9/9/2013	9-Sep-13	9/9/2013
12-Nov-13	11/12/2013	12-Nov-13	11/12/2013
12-Nov-13	11/12/2013	12-Nov-13	11/12/2013
18-Jul-07		19-Jul-07	7/19/2007
17-Aug-07		17-Aug-07	4/1/2011
11-Sep-07		11-Sep-07	9/11/2007
24-Sep-07		24-Sep-07	9/24/2007
29-Oct-07		29-Oct-07	12/2/2010
29-Oct-07		29-Oct-07	10/29/2007
3-Jan-08		3-Jan-08	1/3/2008
7-Jan-08		26-Jun-08	12/6/2010
17-Jan-08		17-Jan-08	1/17/2008
15-Apr-08		18-Apr-08	4/18/2008
30-May-08		30-May-08	5/30/2008
23-Feb-09		2-Mar-09	12/2/2010
18-Jul-09		20-Jul-09	12/6/2010
31-Jul-09		31-Jul-09	12/6/2010
6-Aug-09		6-Aug-09	12/13/2010
10-Sep-09		10-Sep-09	9/10/2009
18-Feb-10		18-Feb-10	2/19/2010
23-Mar-10		23-Mar-10	3/23/2010
24-Mar-11	3/24/2011	24-Mar-11	5/2/2011
1-Aug-11	8/1/2011	2-Aug-11	8/2/2011
5-Apr-12	4/5/2012	9-Apr-12	4/9/2012
21-Aug-12	8/21/2012	21-Aug-12	8/21/2012
1-Oct-12	10/1/2012	10-Oct-12	10/10/2012
29-Oct-12	10/29/2012	30-Oct-12	10/30/2012
28-Nov-12	11/28/2012	29-Nov-12	11/29/2012
2-Dec-12	12/2/2012	3-Dec-12	12/3/2012
3-Dec-12	12/3/2012	3-Dec-12	12/6/2012
23-Dec-12	12/23/2012	31-Dec-12	12/31/2012
1-Jul-13	7/1/2013	2-Jul-13	7/2/2013
18-Oct-13	10/18/2013	22-Oct-13	10/22/2013
24-Sep-07		24-Sep-07	9/24/2007
9-Oct-07		10-Oct-07	10/10/2007
30-Nov-07		30-Nov-07	11/30/2007
24-Jan-08		24-Jan-08	1/24/2008

Category 3		50	0
Category 3		5	0
Category 2		3700	0
Category 1		1044	0
Category 1		1560	0
Category 3		15	0
Category 3		834	0
Category 2		1275	0
Category 3		313	0
Category 3		420	0
Category 3		300	0
Category 1		325	65
Category 3		5	0
Category 1		5297	10
Category 1		850	0
Category 3		180	25
Category 3		40	0
Category 3		528	0
Category 3	45	45	0
Category 3	60	60	0
Category 3	20	20	0
Category 3		40	0
Category 3		51	0
Category 3		100	0
Category 1		180	0
Category 3		50	0
Category 3		1	1
Category 3		150	0
Category 3		8	0
Category 3		200	
Category 3		50	0
Category 3		1	0
Category 1		1200	0
Category 1		1700	1600
Category 1		30	0
Category 1		800	300
Category 3		225	112
Category 3		150	150
Category 3		75	0
Category 1		780	0
Category 2		1440	0
Category 3		72	20
Category 3		300	0
Category 1		52500	37000
Category 1		500	480
Category 1		100	0
Category 1		2000	0
Category 3		238	238
Category 1		480	0
Category 1		875	0
Category 1	32	192	0
Category 3		600	600
Category 3		145	145
Category 3		725	725
Category 3		405	405

0 No	No
0 No	No
0 No	No
1044 Yes	Yes
50 Yes	Yes
0 No	No
0 No	No
0 No	Yes
0 No	No
0 No	No
0 No	No
260 Yes	Yes
0 No	No
5287 Yes	Yes
850 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
No	No
0 No	No
No	No
180 No	Yes
0 No	Yes
No	No
No	No
0 No	No
No	No
0 No	No
0 No	No
200 Yes	No
100 No	Yes
30 No	Yes
500 No	Yes
0 No	No
0 No	Yes
0 No	No
780 Yes	No
0 No	Yes
0 No	No
0 No	No
13500 No	Yes
20 No	Yes
100 No	Yes
2000 No	Yes
0 No	No
480 Yes	Yes
875 Yes	No
160 Yes	Yes
No	No
No	No
No	No
No	No

[illegible]

W-10-05 RI easement between houses near 1906 Vista Del Rio
519 Vallejo Street
Rolph Park Court Easement MH S-01-05
925 First Ave
219 Winslow
1845 Pomona RI W-04-04
V-21-07 5th and Pomona
Rose and Third
W-10-05 easement between Vista Del Rio and Carquinez Way
MH N-01-11 in street near 4 Colona Heights, Crockett
714 Alhambra N-05-06 LH
N-00-32 to N-00-31
V-22-08 3rd Street Easement
Merchant St and Kendall Ave - MH W-00-10
235 Kendall Ave MH W-00-09
Manhole N-00-30 near 300 Winslow
5th Ave
Pomona and Baldwin MH E-00-09
W-04-04 1849 Pomona
E-03-15 Emerson
V-21-07
North San Pedro and Oakcrest
El Faisan Drive
13 Meadow Dr
60 Park Ridge
Tarrant Court
595 Los Colindas
708 Butternut Dr
823 La Playa
2 Jeannette Prandi Wy
67 Los Ranchitos
19 Jefferson
700 Monticello Road
McGinnis Parkway and Waterside Cir
118 N. San Pedro Rd. San Rafael, CA 94903
McGinnis Parkway and Waterside Cir
685 Blackberry Lane
3769 Redwood Highway
2200 Idylberry
Las Gallinas Avenue
35 Elda Dr
50 Merrydale Rd.
9 Edgehill Way
811 Descanso Way
2130 Elderberry
Los Ranchitos and Northgate Dr
301 Las Gallinas
Los Ranchitos/Northgate Dr
Las Gallinas Avenue / Manual T Freitas Pkwy
1010 Northgate Dr.
30 North San Pedro Rd
In front of 6372 Almaden Way, cross of Eagle Ct.
4352 Davis Way, Livermore CA
N. Livermore Ave @ Portola
1249 Hansen Rd. cross of Impruneta Ct.

38.05283	-122.23097 Contra Costa
38.054269	-122.211828 Contra Costa
38.05075	-122.22005 Contra Costa
38.05122	-122.22455 Contra Costa
38.05441	-122.20839 Contra Costa
38.05408	-122.22926 Contra Costa
38.05223	-122.22525 Contra Costa
38.04931	-122.22301 Contra Costa
38.05297	-122.23079 Contra Costa
38.0548	-122.21943 Contra Costa
38.05462	-122.21706 Contra Costa
38.05502	-122.21026 Contra Costa
38.05227	-122.223 Contra Costa
38.05338	-122.23079 Contra Costa
38.05385	-122.23033 Contra Costa
38.05512	-122.21068 Contra Costa
38.05236	-122.22537 Contra Costa
38.052389	-122.209086 Contra Costa
38.054034	-122.229132 Contra Costa
38.050825	-122.211791 Contra Costa
38.052326	-122.225377 Contra Costa
38	122.516667 Marin
38.00042	-122.54763 Marin
38.00198	122.52388 Marin
38.01185	122.5558 Marin
38.00083	-122.55036 Marin
38.1925	122.961944 Marin
38.012222	122.563611 Marin
38.01405	-122.51196 Marin
38.02147	122.57204 Marin
37.98703	122.53875 Marin
37.99465	122.53219 Marin
38.01277	-122.5629 Marin
38.00783	-122.52655 Marin
37.99725	-122.52766 Marin
38.00783	-122.52655 Marin
38.02773	-122.5565 Marin
37.99766	-122.53562 Marin
38.0366	-122.58415 Marin
38.0024	-122.55288 Marin
38.00531	-122.56043 Marin
37.99295	-122.53268 Marin
37.99569	-122.52372 Marin
38.0162	-122.51421 Marin
38.02692	-122.5598 Marin
38.00121	-122.54254 Marin
37.99722	-122.53978 Marin
38.00121	-122.54254 Marin
38.00962	-122.54895 Marin
38.01016	-122.54239 Marin
37.99531	-122.52908 Marin
37.713056	121.719444 Alameda
37.683333	121.683333 Alameda
37.691931	121.773194 Alameda
37.638056	121.793056 Alameda

[illegible]

Easement between houses starting at W-10-05 Rodding Inlet and continuing down dirt hill to Carquinez Way.

Retaining wall in front of property

Overflowing MH on hillside easement between homes, flow down trail to embankment in gated and fenced off wooded area

MH in easement at rear of property, dirt hillside. Waste water flowed through drainage pipe to curb/gutter.

Rodding inlet

Rodding Inlet with sewage 10' along dirt embankment

Clean-out near Rose and Third

Spill coming from ground approx 50' downstream from RI W-10-05. Running along ground for approx 5' then enters French

Public sewer manhole in private street near 4 Colona Heights. Wastewater (no solids, no odor, clear) weeping from MH

Lamp hole sewer structure in back yard

Manhole N-00-32 in front of 325 Winslow St, Crockett, CA

Manhole W-00-10 at intersection of Merchant and Kendall

Sewer access box W-00-09

Manhole N-00-30 in street near 300 Winslow

common walkway, hillside

Rodding inlet E-03-15 on Emerson

Water pooling on manhole

In open field dirt behind 110 La Alondra Ct townhouse

1gpm of sewage coming from manhole

Homeowners yard (dirt)

Wastewater seeped out from toilet seal.

Toilet burped while crew was flushing causing 1 gallon of toilet water to spray the bathroom wall.

Marin Water Dept was digging trench to replace water main and hit sewer line. Ditch filled with water and excess water was

Contractor attempting to repair air release valve broke force main pipe

Excessive rain caused MH to surcharge. Wastewater flowed from pick hole at the rate of 15 gpm

Sewer manhole MHS101.31.

Coming out of manhole

The Las Gallinas Valley Sanitary District had a sewer spill on December 23, 2012. The spill was located at the intersection of

North parking lot of the Four Points Sheraton

Manhole located in parking lot was not spilling on arrival. SSO traveled down parking lot directly into storm drain. One large

Middle of street in front of 6372 Almaden Way from manhole

From lamphole in front of 4352 Davis Way

M/H overflow on N.Livermore Ave. approx. 450 ft. N of Portola

From Manhole in middle of street in front of 1249 Hansen Rd

3a.

h drain system that carried spill to Carqu
and running along street in curb and gut

1
1
1

as pumped into manhole

in of Las Gallinas Avenue and Manual T

1

Other sewer system structure
Other (specify)
Manhole
Other (specify)
Manhole
Other sewer system structure
Manhole
Other (specify)
Gravity sewer
Manhole
Manhole
Manhole
Gravity sewer
Manhole
Manhole
Manhole
Gravity sewer
Manhole
Other sewer system structure
Other sewer system structure
Manhole
Manhole
Manhole
Building or structure
Manhole
Manhole
Other (specify)
Other (specify)
Building or structure
Manhole
Manhole
Building or structure
Building or structure
Other sewer system structure
Gravity sewer
Force main or pressure sewer
Manhole
Manhole
Manhole
Manhole
Gravity sewer
Manhole
Manhole
Force main or pressure sewer
Manhole
Gravity sewer
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Other (specify)
Manhole
Manhole

Rodding Inlet accessed from Christy Sewer Box.
Seepage through retaining wall in front of property.

Exfiltration from failed joint mixed with storm water through hole in bottom of storm drain pipe that crosses under sanitary

Clean-out belonging to property 1205 Rose, backup went up lateral from MH to clean-out near Rose St. and Third Ave

Rodding box along sidewalk
Rodding inlet on hillside

Cleanout
Spill coming from Contra Costa Valve installed in home owner's front yard

Air release valve

Wad of roots from lateral on bench of manhole - possibly plumber initiated.

MH not overflowing upon arrival. Line has 2 houses connected to it - no homeowners at home
Force main break at Descanso Pump Station

Lamphole in Street in front of 4352 Davis Way, Livermore, CA
Manhole in N. Livermore Ave at or near driveway into Albertsons near new Total Sports store

Street/curb and gutter;Unpaved surface
Unpaved surface
Unpaved surface
Separate storm drain
Separate storm drain;Street/curb and gutter;Unpaved surface
Unpaved surface
Unpaved surface
Other paved surface;Street/curb and gutter;Unpaved surface
Street/curb and gutter;Unpaved surface
Street/curb and gutter
Unpaved surface
Separate storm drain;Street/curb and gutter;Unpaved surface
Unpaved surface
Separate storm drain;Street/curb and gutter
Separate storm drain;Street/curb and gutter
Street/curb and gutter;Unpaved surface
Unpaved surface
Street/curb and gutter;Unpaved surface
Unpaved surface
Street/Curb and Gutter
Unpaved surface
Unpaved surface
Unpaved surface
Other paved surface
Storm drain
Separate storm drain
Other paved surface
Other paved surface
Building or structure
Unpaved surface
Unpaved surface
Building or structure
Building or structure;Separate storm drain;Street/curb and gutter;Unpaved surface
Other paved surface;Separate storm drain;Street/curb and gutter
Separate storm drain;Unpaved surface
Separate storm drain;Street/curb and gutter;Surface water
Street/curb and gutter
Storm drain;Street/curb and gutter;Unpaved surface
Street/curb and gutter
Other paved surface
Separate storm drain;Unpaved surface
Street/curb and gutter
Unpaved surface
Other paved surface;Separate storm drain;Street/curb and gutter
Separate storm drain;Street/curb and gutter
Other (specify below)
Separate storm drain
Other paved surface;Street/curb and gutter;Unpaved surface
Surface water
Surface water
Paved Surface;Separate Storm Drain
Other (specify below)
Street/curb and gutter
Storm drain
Other (specify below)

Storm drain dried before enter waters of the state (Marquarite Creek)

Water had dissipated upon entrying storm drain - did not leave storm drain or enter water of the State.

Small drip from cleanout

Power failure at pump station resulted in sewage backing up and coming out of toilet seal. Extremely heavy rainstorm S

1000 gallons of spill on homeowner's property. Approximately 200 gallons went to gutters during heavy storm (heavy flow

Paved aqueduct

MH in backyard -spill soaked into ground. Ground was hard enough to stand on so it was surmised that spill hadn't been c
13,500 gallons was pumped out of the storm water pump station on Vendola and into the slough going to the San Pablo E

Marsh across from Embassy Suites

The spill flowed into Gallinas Creek which flows to the San Pablo Bay.

Storm drain did not have any water in it but was wet. Manhole was not spilling when crew arrived.

Spill captured in Storm drain pipe and returned to Sanitary Sewer

Captured in Storm drain piping

Spill fully captured in storm piping and returned to Sanitary Sewer system

9/26/2009 0:00	9/28/2009 10:30	9/28/2009 10:35	9/28/2009 17:08
11/12/2009 13:00	11/12/2009 13:39	11/12/2009 13:50	11/12/2009 15:35
11/22/2010 15:30	11/22/2010 16:36	11/22/2010 16:48	11/22/2010 19:08
6/22/2011 0:00	6/24/2011 11:30	6/24/2011 13:10	6/30/2011 9:18
12/16/2011 8:00	12/16/2011 17:15	12/16/2011 17:22	12/16/2011 19:08
1/9/2012 12:00	1/9/2012 2:22	1/9/2012 2:35	1/9/2012 2:50
1/13/2012 8:00	1/16/2012 13:07	1/16/2012 13:15	1/16/2012 16:00
1/27/2012 18:00	1/28/2012 12:12	1/28/2012 13:35	1/28/2012 16:03
3/3/2012 10:00	3/4/2012 10:22	3/4/2012 10:35	3/4/2012 14:53
6/12/2012 19:00	6/13/2012 11:52	6/13/2012 12:03	6/13/2012 12:58
8/21/2012 0:00	8/27/2012 13:18	8/27/2012 13:25	8/27/2012 16:10
12/5/2012 9:30	12/5/2012 9:54	12/5/2012 10:04	12/5/2012 10:38
12/20/2012 12:15	12/20/2012 12:15	12/20/2012 12:20	12/20/2012 1:15
1/16/2013 6:15	1/16/2013 9:05	1/16/2013 9:14	1/16/2013 10:01
2/13/2013 10:30	2/13/2013 10:46	2/13/2013 11:29	2/13/2013 11:45
2/27/2013 9:00	2/27/2013 9:14	2/27/2013 9:24	2/27/2013 10:00
4/8/2013 15:18	4/8/2013 15:48	4/8/2013 16:13	4/8/2013 16:36
7/31/2013 19:18	7/31/2013 20:18	7/31/2013 20:31	7/31/2013 21:44
8/27/2013 19:00	8/27/2013 19:59	8/27/2013 21:30	8/27/2013 21:35
10/1/2013 0:00	10/8/2013 14:58	10/8/2013 14:58	10/8/2013 15:20
10/14/2013 7:00	10/14/2013 9:11	10/14/2013 9:20	10/14/2013 9:45
7/17/2007 2:40	7/17/2007 3:00	7/17/2007 3:15	7/17/2007 3:20
8/16/2007 9:55	8/16/2007 10:00	8/16/2007 10:05	8/16/2007 10:20
9/10/2007 9:22	9/11/2007 7:45	9/10/2007 10:00	9/11/2007 3:00
9/23/2007 8:00	9/23/2007 9:40	9/23/2007 10:15	9/23/2007 10:40
10/26/2007 9:00	10/26/2007 9:13	10/26/2007 9:25	10/26/2007 9:30
10/26/2007 11:00	10/26/2007 1:50	10/26/2007 2:05	10/26/2007 2:15
1/2/2008 10:15	1/2/2008 10:20	1/2/2008 10:30	1/2/2008 10:37
1/4/2008 9:30	1/4/2008 9:30	1/4/2008 9:30	1/4/2008 9:35
1/16/2008 8:50	1/16/2008 8:53	1/16/2008 9:00	1/16/2008 9:10
4/14/2008 4:45	4/14/2008 5:00	4/14/2008 5:30	4/14/2008 5:35
5/29/2008 10:15	5/29/2008 10:25	5/29/2008 10:30	5/29/2008 10:16
2/22/2009 4:30	2/22/2009 10:30	2/22/2009 10:40	2/22/2009 11:00
7/18/2009 8:50	7/18/2009 8:50	7/18/2009 9:00	7/18/2009 10:20
7/31/2009 10:55	7/31/2009 10:55	7/31/2009 11:10	7/31/2009 11:00
8/6/2009 8:45	8/6/2009 8:45	8/6/2009 9:00	8/6/2009 11:00
9/10/2009 9:10	9/10/2009 9:10	9/10/2009 9:20	9/10/2009 9:25
2/17/2010 10:53	2/17/2010 10:53	2/17/2010 11:10	2/17/2010 11:23
3/22/2010 8:00	3/22/2010 8:00	3/22/2010 8:30	3/22/2010 9:00
3/24/2011 11:25	3/24/2011 11:30	3/24/2011 11:35	3/24/2011 12:17
8/1/2011 13:00	8/1/2011 18:30	8/1/2011 19:15	8/1/2011 19:40
4/5/2012 12:27	4/5/2012 12:27	5/5/2012 0:00	4/5/2012 12:49
8/20/2012 11:50	8/20/2012 1:20	8/20/2012 1:25	8/20/2012 2:20
10/1/2012 12:45	10/1/2012 13:05	10/1/2012 13:25	10/1/2012 14:30
10/29/2012 7:26	10/29/2012 7:37	10/29/2012 7:41	10/29/2012 7:46
11/28/2012 1:17	11/28/2012 1:23	11/28/2012 1:25	11/28/2012 1:27
12/2/2012 8:18	12/2/2012 8:18	12/2/2012 8:40	12/2/2012 8:45
12/2/2012 2:46	12/2/2012 2:56	12/2/2012 3:10	12/2/2012 3:20
12/23/2012 12:30	12/23/2012 12:30	12/23/2012 12:30	12/23/2012 13:50
7/1/2013 8:05	7/1/2013 8:15	7/1/2013 8:23	7/1/2013 8:30
10/17/2013 7:15	10/17/2013 7:15	10/17/2013 7:40	10/17/2013 7:50
9/23/2007 9:25	9/23/2007 9:25	9/23/2007 10:05	9/23/2007 10:25
10/9/2007 11:10	10/9/2007 11:10	10/9/2007 11:20	10/9/2007 11:39
11/29/2007 8:16	11/29/2007 8:16	11/29/2007 8:24	11/29/2007 8:45
1/23/2008 9:43	1/23/2008 9:43	1/23/2008 10:05	1/23/2008 10:10

Root intrusion
Root intrusion
Root intrusion
Pipe structural problem/failure
Debri-Rags
Debri-Rags
Debri-General
Debri-General
Pipe structural problem/failure
Root intrusion
Root intrusion
Root intrusion
Pipe structural problem/failure
Other (specify below)
Debri-General
Debri-Rags
Debri-General
Debri-General
Debris-Rags
Other (specify below)
Debris-Rags
Root intrusion
Root intrusion
Root intrusion
Other (specify below)
Root intrusion
Root intrusion
Root intrusion
Pump station failure
Root intrusion
Debris
Other (specify below)
Root intrusion
Pipe structural problem/failure
Operator error
Operator error
Root intrusion
Grease deposition (FOG)
Root intrusion
Other (specify below)
Root intrusion
Root intrusion
Root intrusion
Pipe structural problem/failure
Other (specify below)
Other (specify below)
Other (specify below)
Debri-Rags
Rainfall exceeded design (Separate CS Only)
Root intrusion
Root Intrusion
Debris
Debris
Other (specify below)
Grease deposition (FOG)

Rags, root, grit, and grease noticed.

Paper and grease

Root debris noticed but believe it may have come from private property where previous private lateral was blocked and c

Hydro cleaning identified cracked and partially exposed pipe on hillside.

Unknown blockage

Unknown blockage, line cleared into blind tee and unable to determine cause. Suspect roots.

Paper blockage just past MH V-21-07

Approximately 1/2 pint of sewage had exited manhole, when blockage was removed lower manhole could not contain the

Excessive amounts of asphalt due to contractor paving streets and raising manholes. (Team Ghilotti)

Line was being flushed at 1200 psi rather than 3000 psi because of condition of lateral. Water still entered lateral causing

Pipe on air release valve broke. Vactor trucks were able to remove 3000 gallons from MH before it made it to stormwater
Water department hit sewer main when excavating for water main repair.

Root ball pushed from lateral into main.

MH had large root but excessive grease in the line caused blockage. Line had been cleaned September 2009

Siphon could not handle the excessive rainfall. Line crew had extended pm from 4 months to 1 year. PM has returned to

Roots - line was on a PM and was due to be cleaned 5-29-12. PM has been changed from two years to one year

Force main ruptured

Hunk of cement

Mop head in line

Capacity issue - rainfall exceeded design of siphon line. Replacement of line scheduled for Spring of 2013

Roots and grease created blockage in line. Manhole was surcharged on arrival but not overflowing.

Construction debris, rope and 1X2 lumber pieces

plastic bag full of debris lodged in mainline

four conduits directionally bored through sewer main

Main

- Main
- Main
- Main
- Main
- Main
- Main
- Main
- Main
- Main
- Main
- Main
- Main
- Main
- Main
- Main
- Main
- Main
- Other (specify below)
- Gravity Mainline
- Gravity Mainline

Main

Main

Main

- Main
- Other (specify below)
- Main
- Main

- Main
- Main
- Main
- Main
- Other (specify below)
- Main
- Main
- Main
- Main
- Main
- Main
- Gravity Mainline

Rodding box along sidewalk

Root intrusion and offset in line caused sewage to backup into lateral
Force main air release valve

Force main located in meter pit at pump station ruptured.

6 VCP

6

No
No
No

4 VCP
6 VCP
4 VCP
6 pvc

6 acp
6 clay
6 pvc

No

10 clay
8 HDPE
6 vcp
8 PVC
8 VCP
8 VCP
8 PVC

1920

1116
1068
1116

50
50

40
2
408
5

3

Replaced section of main sewer that crosses storm drain. Notified Public Works Dept of broken storm drain.

Temporary repair diverting any wastewater seeping from bottom of broken pipe back into sewer system. Previously eroded
Investigated downhill storm drain and nothing to recover.

Air release valve was closed and spill stopped.
Water department had pumper truck on site and was able to pump water into sewer manhole.

Excessive rainfall, vacuator was set up but tides and rain decreased - stopping flow. Streets were flooded by rainfall - will take

Spill stopped when area flooding stopped.

Broke stoppage and retrieved roots. Televised and rodded line. Cleaned sewage on parking lot pavement. After televising

Spill in street from lamphole, fully contained in curb & gutter with booms, vacuumed and rinsed, vacuumed again, all with
After flow was restored to piping, overflow manhole was plugged and bypassed to a downstream manhole while pipe repairs

11/22/2010 19:08
7/21/2011 10:30
12/16/2011 19:20

1/28/2012 16:50

12/5/2012 11:00

1/16/2013 10:31
2/13/2013 12:20

9/23/2007 2:30
10/26/2007 11:00

2/22/2009 1:30
7/18/2009 13:00
7/31/2009 0:00
8/6/2009 11:00

3/24/2011 1:12
8/2/2011 10:00

10/1/2012 20:00
10/29/2012 9:50
11/29/2012 10:00
12/2/2012 8:45

12/23/2012 14:53
7/1/2013 9:30
10/18/2013 9:00

Other (specify below)

Repaired sewer

Adjusted schedule/method of preventive maintenance;Plan rehabilitation or replacement of sewer

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance;Other (specify below)

Plan rehabilitation or replacement of sewer;Other (specify below)

Other (specify below)

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Repaired sewer

Other (specify below)

Other (specify below)

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Plan rehabilitation or replacement of sewer;Repaired sewer

Adjusted schedule/method of preventive maintenance

Other (specify below)

Plan rehabilitation or replacement of sewer

Other (specify below)

Other (specify below)

Adjusted schedule/method of preventive maintenance;Inspected Sewer Using CCTV to Determine Cause;Other (specify I

Scheduled for CCTV for line segment with blockage

Scheduled for video inspection of problem area

Video inspection scheduled

Monitor contractor when City or County has hired company to slurry streets. We have requested that the District be advis

Water department hit sewer line when excavating water main.

Break in pipe was caused by contractor working on line

Will be investigating industries in the area that could have had a mop head enter sewer line

Safeway siphon had been cleaned 1 week before incident. Siphon line was checked at 7:30am on the day of spill - overfl

District is in the process of selecting an engineering firm to study option to increase sewer system capacity and storage.

Increased preventive maintenance frequency

Rodded line, televised line

Yes
No
Yes

Yes

No

Yes
Yes

No
No

No
No
No
Yes

Yes
No

Yes
No
No
Yes

No
No
No

Not Applicable

None
None

No
No
Yes

No

No

No
Yes

No
No

No
Yes
No
Yes

No
No

Yes
No
Yes
Yes

Yes
Yes
No

No

None

NA
NA

NA
n/a
NA
NA

Not Applicable

N/A

None
storm drain channel
Carquinez Strait
None
None
Carquinez Strait
None

None
Carquinez Strait

Carquinez Strait
Carquinez Strait
None
none
None

NA
NA

Santa Margarita Creek

NA
NA

Santa Margarita Creek Aqueduct
Margarita Creek
Not Applicable

Slough that goes into San Pablo Bay
Miller Creek
Gated marsh across from Embassy Suites
Santa Margarita Creek

San Pablo Bay
Gallinas Creek / San Pablo Bay

No water quality samples taken
Biological indicator(s) - specify below
No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken
No water quality samples taken

No water quality samples taken
No water quality samples taken

No water quality samples taken
No water quality samples taken;Not applicable to this spill
Not applicable to this spill
Dissolved oxygen

No water quality samples taken
Biological indicator(s) - specify below

Biological indicator(s) - specify below
Biological indicator(s) - specify below
Not applicable to this spill
Biological indicator(s) - specify below

Biological indicator(s) - specify below
Biological indicator(s) - specify below
Not applicable to this spill

Nessler test positive for ammonia. Coliform positive, detected but not quantified as of Monday 6/27 at 7 AM. Nessler an

Coliform

Total coliform Enterococcus E-Coli
Total coliform E-Coli Enterococcus

Total coliform Enterococcus E-Coli

Coliform
Total and fecal coliform, enterococcus

No water quality samples taken
None of the above
None of the above

No water quality samples taken

No water quality samples taken

None of the above
No water quality samples taken

None of the above
None of the above

None of the above
No water quality samples taken;Not applicable to this spill
None of the above
None of the above

No water quality samples taken
County Health Agency

County Health Agency
County Health Agency
None of the above
None of the above

County Health Agency
County Health Agency
Not applicable to this spill

total and fecal coliform, enterococcus

Average consumption from 3 upstream connections and visual observation of spill area
Eyeball method, upstream connections, measured volume
Eyeball method and upstream connections

Eyeball Method, San Diego Method and SMART Sewer Overflow Volume Estimation. Determined there was one lateral

107038	11/22/2010 8:20
114340	7/22/2011 11:20
117435	12/16/2011 18:24

120585	1/28/2012 15:11
--------	-----------------

127426	12/5/2012 11:12
--------	-----------------

130336	1/16/2013 10:40
130956	2/13/2013 12:02

91529	2/22/2009 12:45
95081	7/18/2009 10:30

95491	8/6/2009 10:45
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111847	3/24/2011 12:05
114560	8/1/2011 19:59

125915	10/1/2012 14:54
126520	10/29/2012 9:23
127179	11/28/2012 14:27
127324	12/2/2012 2:04

127841	12/23/2012 14:05
134033	7/1/2013 9:18
136463	10/17/2013 8:47

Dale McDonald, General Manager
Dale McDonald, General Manager
Dale McDonald, General Manager

5107872992
5107872992
5107872992

Janice Mandler

4154721734

2SSO10148	Active	729994 Karl Kraft	Certified
2SSO10148	Active	737406 Karl Kraft	Certified
2SSO10148	Active	743259 Karl Kraft	Certified
2SSO10148	Active	746393 Karl Kraft	Certified
2SSO10148	Active	751769 Michael Wells	Certified
2SSO10148	Active	752705 Michael Wells	Certified
2SSO10148	Active	756272 Michael Wells	Certified
2SSO10148	Active	757992 Michael Wells	Certified
2SSO10148	Active	758526 Michael Wells	Certified
2SSO10148	Active	761191 Michael Wells	Certified
2SSO10148	Active	767825 Michael S. Wells	Certified
2SSO10148	Active	767959 Michael S. Wells	Certified
2SSO10148	Active	773273 Michael Wells	Certified
2SSO10148	Active	774513 Michael Wells	Certified
2SSO10148	Active	775301 Michael Wells	Certified
2SSO10148	Active	790754 Michael Wells	Certified
2SSO10148	Active	792849 Michael Wells	Certified
2SSO10148	Active	793141 Michael Wells	Certified
2SSO10149	Active	656781 Michelle Chen for R. Chen	Certified
2SSO10149	Active	657232 Michelle Chen for R. Chen	Certified
2SSO10149	Active	657318 Johnson Chung	Certified
2SSO10149	Active	657339 Michelle Chen	Certified
2SSO10149	Active	657358 Michelle Chen for R. Chen	Certified
2SSO10149	Active	657363 Michelle Chen	Certified
2SSO10149	Active	704413 Michelle Chen	Certified
2SSO10149	Active	704608 Michelle Chen	Certified
2SSO10149	Active	708066 Michelle Chen	Certified
2SSO10149	Active	708679 Michelle Chen	Certified
2SSO10149	Active	710647 Michelle Chen	Certified
2SSO10149	Active	710959 Michelle Chen	Certified
2SSO10149	Active	710967 Michelle Chen	Certified
2SSO10149	Active	712347 Michelle Chen	Certified
2SSO10149	Active	712812 Michelle Chen	Certified
2SSO10149	Active	718266 Michelle Chen	Certified
2SSO10149	Active	718714 Michelle Chen	Certified
2SSO10149	Active	718720 Michelle Chen	Certified
2SSO10149	Active	718725 Michelle Chen	Certified
2SSO10149	Active	719811 M. Chen for J. Chung	Certified
2SSO10149	Active	721171 M. Chen for J. Chung	Certified
2SSO10149	Active	721321 Johnson Chung	Certified
2SSO10149	Active	723831 M. Chen for J. Chung	Certified
2SSO10149	Active	723832 M. Chen for J. Chung	Certified
2SSO10149	Active	723859 M. Chen for J. Chung	Certified
2SSO10149	Active	723868 Johnson Chung	Certified
2SSO10149	Active	730325 M. Chen for J. Chung	Certified
2SSO10149	Active	730327 M. Chen for J. Chung	Certified
2SSO10149	Active	730328 M. Chen for J. Chung	Certified
2SSO10149	Active	730432 M. Chen for J. Chung	Certified
2SSO10149	Active	731178 Michelle Chen for J. Chung	Certified
2SSO10149	Active	734709 Johnson Chung	Certified
2SSO10149	Active	736551 Johnson Chung	Certified
2SSO10149	Active	736914 Johnson Chung	Certified
2SSO10149	Active	743825 Johnson Chung	Certified
2SSO10149	Active	745116 Johnson Chung	Certified
2SSO10149	Active	746194 Michelle Chen	Certified

[illegible]

City of Livermore	285680
City of Livermore	270962
Livermore CA	852829
City of Livermore	102537
City of Livermore	327937
City of Livermore	663434
City of Livermore	456386
City of Livermore	676335
City of Livermore	453841
City of Livermore	804903
City of Livermore	385932
City of Livermore	836405
City of Livermore	359332
City of Livermore	475109
City of Livermore	616029
City of Livermore	151856
City of Livermore	907243
City of Livermore	747328
Town of Los Altos Hills	106718
Town of Los Altos Hills	700231
Los Altos Hills	630405
Town of Los Altos Hills	385954
Town of Los Altos Hills	196327
Town of Los Altos Hills	777171
Town of Los Altos Hills	165583
Town of Los Altos Hills	872467
Town of Los Altos Hills	293877
Town of Los Altos Hills	690427
Town of Los Altos Hills	745203
Town of Los Altos Hills	281979
Town of Los Altos Hills	271955
Town of Los Altos Hills	925463
Town of Los Altos Hills	301313
Town of Los Altos Hills	823463
Town of Los Altos Hills	337591
Town of Los Altos Hills	956636
Town of Los Altos Hills	356886
Town of Los Altos Hills	837972
Town of Los Altos Hills	586676
Los Altos Hills	641495
Town of Los Altos Hills	991389
Town of Los Altos Hills	120590
Town of Los Altos Hills	879099
Los Altos Hills	702019
Town of Los Altos Hills	781820
Town of Los Altos Hills	779609
Town of Los Altos Hills	281322
Town of Los Altos Hills	433974
Town of Los Altos Hills	601152
Los Altos Hills	978391
Los Altos Hills	440971
Los Altos Hills	531496
Los Altos Hills	798117
Los Altos Hills	620920
Los Altos Hills Town Hall	749185

1-Dec-08		1-Dec-08	12/1/2008
13-May-09		13-May-09	5/13/2009
18-Aug-09		18-Aug-09	8/18/2009
30-Oct-09		30-Oct-09	10/30/2009
19-Apr-10		26-Apr-10	4/26/2010
25-May-10	5/25/2010	25-May-10	5/25/2010
23-Aug-10	8/23/2010	23-Aug-10	8/23/2010
21-Oct-10	10/21/2010	21-Oct-10	10/21/2010
15-Nov-10	11/15/2010	15-Nov-10	11/15/2010
13-Jan-11	1/13/2011	13-Jan-11	1/13/2011
24-Jun-11	6/24/2011	24-Jun-11	6/24/2011
28-Jun-11	6/28/2011	28-Jun-11	6/28/2011
18-Nov-11	11/18/2011	18-Nov-11	11/18/2011
21-Dec-11	12/21/2011	21-Dec-11	12/21/2011
4-Jan-12	1/4/2012	4-Jan-12	1/4/2012
25-Jan-13	1/25/2013	25-Jan-13	1/25/2013
22-Mar-13	3/22/2013	22-Mar-13	3/22/2013
3-Apr-13	4/3/2013	3-Apr-13	4/3/2013
4-Sep-07		8-Dec-10	12/8/2010
12-Sep-07		8-Dec-10	12/8/2010
12-Sep-07		8-Dec-10	2/7/2011
12-Sep-07		8-Dec-10	12/8/2010
12-Sep-07		8-Dec-10	12/8/2010
12-Sep-07		8-Dec-10	12/8/2010
1-Oct-07		1-Oct-07	12/9/2010
4-Oct-07		4-Oct-07	12/9/2010
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3-Dec-07		3-Dec-07	12/9/2010
2-Jan-08		2-Jan-08	12/9/2010
9-Jan-08		9-Jan-08	12/9/2010
9-Jan-08		9-Jan-08	12/9/2010
5-Feb-08		5-Feb-08	12/9/2010
13-Feb-08		13-Feb-08	12/9/2010
28-May-08		28-May-08	12/9/2010
3-Jun-08		3-Jun-08	12/9/2010
3-Jun-08		3-Jun-08	12/9/2010
3-Jun-08		3-Jun-08	12/9/2010
18-Jun-08		18-Jun-08	12/8/2010
1-Jul-08		2-Jul-08	12/8/2010
2-Jul-08		2-Jul-08	2/7/2011
29-Jul-08		29-Jul-08	12/8/2010
29-Jul-08		29-Jul-08	12/8/2010
30-Jul-08		30-Jul-08	12/8/2010
30-Jul-08		20-Dec-10	12/20/2010
9-Dec-08		9-Dec-08	12/8/2010
9-Dec-08		9-Dec-08	12/8/2010
9-Dec-08		9-Dec-08	12/8/2010
11-Dec-08		11-Dec-08	12/8/2010
30-Dec-08		30-Dec-08	12/8/2010
9-Mar-09		11-Mar-09	3/11/2009
21-Apr-09		21-Apr-09	12/20/2010
28-Apr-09		28-Apr-09	4/28/2009
27-Aug-09		27-Aug-09	8/27/2009
28-Sep-09		28-Sep-09	12/20/2010
27-Oct-09		27-Oct-09	10/27/2009

Category 3	450	450
Category 3	640	640
Category 3	50	50
Category 3	310	310
Category 3	10	10
Category 2	2700	2675
Category 3	310	310
Category 3	100	100
Category 3	170	170
Category 3	275	275
Category 2	1150	1150
Category 3	110	110
Category 3	350	350
Category 3	55	55
Category 3	525	525
Category 3	25	25
Category 3	695	475
Category 3	25	25
Category 3	900	900
Category 3	480	0
Category 3	60	0
Category 1	300	300
Category 1	500	400
Category 1	90	90
Category 3	360	0
Category 3	115	0
Category 3	600	0
Category 3	750	0
Category 3	30	0
Category 3	60	0
Category 3	50	0
Category 3	180	0
Category 3	60	0
Category 3	30	0
Category 3	30	0
Category 3	60	0
Category 3	150	0
Category 3	600	450
Category 3	100	0
Category 1	150	0
Category 3	40	0
Category 3	90	0
Category 3	30	0
Category 1	600	0
Category 3	120	0
Category 3	350	0
Category 3	250	145
Category 3	220	0
Category 3	130	0
Category 3	840	0
Category 1	300	0
Category 3	180	0
Category 3	20	14
Category 1	1000	200
Category 1	500	300

0 No	Yes
0 No	Yes
0 No	Yes
0 No	Yes
0 No	Yes
0 No	Yes
0 No	Yes
0 No	No
0 No	No
0 No	Yes
0 No	No
0 No	No
0 No	Yes
0 No	No
0 No	Yes
0 No	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
150 Yes	Yes
100 No	Yes
90 Yes	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
150 No	Yes
0 No	No
0 No	No
0 No	No
600 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	Yes
300 Yes	Yes
0 No	No
0 No	No
800 Yes	Yes
200 Yes	Yes

[illegible]

1137 Hansen Rd
1011 Geneva St
Intersection Holmes St. & 2nd St.
269 Junction Ave Apartment
954 Bellflower St.
In Street across from 2392 Rees Cir
900 Bluebell Drive
942 Wagoner Drive
Rickenbacker Cir
Rincon Ave
Kitty Hawk/ Airway Blvd.
Latour Ave.
3529 First Street
388 Martin Ave.
Intersection Second Street/Holmes Street
600 Maple Street
W. Jack London Blvd, near Airport lift station
715 Delmar Ave
Altamont Road at Altamont Court
Altamont Road near Moody Road
Pathway off Page Mill Road
Manhole 22 on Sheet K, at Dezahara Way
Oak Knoll Circle
Manhole 14 at El Monte Road/Moody Road
MH #64 Ascencion Drive Easement Line
Easement Line MH #12, dwg A
Altamont Road
Todd Lane
26493 Weston Drive
Altamont & Silent Hill
Old Page Mill MH#8
Altamont
Fremont x Donelson Place
Old Pagemill & 2055 Jarvis Way Easement
viscaino court
Fremont Road
MH#12
27161 Fremont Road
Cobetta Lane
Purissima Lift Station
11633-11635 Dawson Drive
11555 Putter Way
Old Page Mill Road and Jarvis Way Easement
Palo Hills and Fremont Road
Via Ventana Easement
Altadena Drive
Magdalena Avenue and Dawson Drive
Altamont Road
La Loma Drive Easement
14244 Amherst Court
Fremont Road Easement
Intersection of Fremont and Donelson Place
13620 Golden Hill Court
Elena Road and Purssima Road
26595 Anacapa

37.646667	121.78 Alameda
37.671111	-121.772222 Alameda
37.67777	-121.77999 Alameda
37.6864	-121.76616 Alameda
37.7099	-121.732634 Alameda
37.673858	-121.723743 Alameda
37.705392	-121.74016 Alameda
37.670331	-121.785274 Alameda
37.691006	-121.80446 Alameda
37.694829	-121.783281 Alameda
37.696343	-121.805699 Alameda
37.6582	-121.76607 Alameda
37.687613	-121.75735 Alameda
37.690521	-121.76099 Alameda
37.677692	-121.779208 Alameda
37.681908	-121.760169 Alameda
37.690144	-121.823668 Alameda
37.669789	-121.789433 Alameda
37.3575	-122.14052 Santa Clara
37.36108	-122.15114 Santa Clara
37.37196	-122.16859 Santa Clara
37.36172	-122.14881 Santa Clara
37.35399	-122.12048 Santa Clara
37.35829	-122.12986 Santa Clara
37.38357	-122.14247 Santa Clara
37.39309	-122.16374 Santa Clara
37.35897	-122.14426 Santa Clara
37.3778	-122.13229 Santa Clara
37.38948	-122.14108 Santa Clara
37.35778	-122.14714 Santa Clara
37.39808	-122.16498 Santa Clara
37.35831	-122.14378 Santa Clara
37.3826	-122.13595 Santa Clara
37.39621	-122.16325 Santa Clara
37.37575	-122.13857 Santa Clara
37.3826	-122.13593 Santa Clara
37.35143	-122.10977 Santa Clara
37.39291	-122.14355 Santa Clara
37.35945	-122.14213 Santa Clara
37.38039	-122.15434 Santa Clara
37.35372	-122.11365 Santa Clara
37.34982	-122.10729 Santa Clara
37.39808	-122.16498 Santa Clara
37.39009	-122.14269 Santa Clara
37.37247	-122.16733 Santa Clara
37.38579	-122.13353 Santa Clara
37.3514	-122.1098 Santa Clara
37.35611	-122.14357 Santa Clara
37.35253	-122.13421 Santa Clara
37.387389	-122.164 Santa Clara
37.38381	-122.13587 Santa Clara
37.38381	-122.13587 Santa Clara
37.37475	-122.131833 Santa Clara
37.379833	-122.154389 Santa Clara
37.38654	-122.14455 Santa Clara

In street in front of 1137 Hansen Rd. coming from manhole at less than 5 gpm
From manhole in front of 1011 Geneva St.
Manhole in middle of intersection of Holmes St. and 2nd St.
From Private lateral cleanout in front of 269 Junction Ave. but due to blockage in City Sewer Main line.

From manhole in planter strip, middle of street.
Middle of street
In middle of street, from manhole.
Middle of street from manhole
New construction for Isabel/Airway interchange
lower lateral cleanout @ 2189 Latour Ave.
Private parking lot cleanout and bathroom of two businesses

On school property, from grease trap interceptor near auto shop.
Discharge manhole from El Charro lift station, side of roadway on W. Jack London Blvd near Airport lift station
Sidewalk and curb/gutter from lateral in front of residents home.
Manhole # 7 overflowing on the street
Overflowing MH on the paved street.
Manhole # 42 of Sheet G on unpaved pathway parallel to Page Mill Road
Manhole 22 on Sheet K, at Dezhara Way
Manhole # 76, Sheet P
Manhole is on the shoulder area along the road
manhole #64, Page E

easement

MH#8 Page A

MH E 69

MH#66 thru #69
cleanout in lawn area at 11660 Magdalena
MH# D-33
Mh# K-6
Corner of Purissima and Elena Road
MH #79
Clean-out overflow at driveway
Manhole #8 overflow
MH overflow
MH 42 overflow in easement
Manhole # 29
MH # 11
Manhole #11A overflow
Sewage overflow from manhole cover
City of Palo Alto trunk line plugged caused the overflow
Sanitary sewer manhole overflow in easement
Sewer manhole overflow
Sewer Cleanout Overflow
Sewer manhole overflow
Area around manhole D613, incl. 200 L.F. of curb & gutter to catch basin

Manhole
Manhole
Manhole
Other sewer system structure
Manhole
Manhole
Manhole
Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Force main or pressure sewer
Other sewer system structure
Building or structure;Other sewer system structure
Gravity sewer;Manhole
Manhole
Building or structure;Other sewer system structure
Force main or pressure sewer;Gravity sewer;Manhole
Gravity sewer;Other sewer system structure
Gravity sewer
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Gravity sewer
Gravity sewer
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Other (specify)
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Gravity sewer
Manhole;Other sewer system structure;Pump station
Gravity sewer

From manhole in front of 1137 Hansen Rd.

Private Lateral Cleanout in front of 269 Junction Ave.

Spill from manhole in middle of street

Spill from new non-active force main

Cleanout in parking lot, small amount in bathrooms of two businesses

Grease trap interceptor near auto shop

Cleanout from lateral at property line

manhole H-14 at end of street cul-de-sac

Sewer clean-out

Other (specify below)
Storm drain
Storm drain
Other (specify below)
Storm drain;Street/curb and gutter
Storm drain;Street/curb and gutter
Storm drain;Street/curb and gutter
Street/curb and gutter
Other paved surface;Street/curb and gutter
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Other paved surface;Separate storm drain
Street/curb and gutter
Other paved surface;Separate storm drain;Street/curb and gutter
Other paved surface;Separate storm drain
Other paved surface;Unpaved surface
Street/curb and gutter
Other paved surface
Unpaved surface
Unpaved surface
Separate storm drain
Separate storm drain
Unpaved surface;Other (specify below)
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Other paved surface
Other paved surface
Unpaved surface
Unpaved surface;Other (specify below)
Other paved surface
Unpaved surface
Unpaved surface
Other (specify below)
Unpaved surface
Unpaved surface
Other paved surface;Street/curb and gutter
Street/curb and gutter
Other (specify below)
Other paved surface
Other (specify below)
Other (specify below)
Other (specify below)
Street/curb and gutter
Other paved surface
Other paved surface;Unpaved surface
Unpaved surface
Other paved surface;Storm drain
Unpaved surface
Other paved surface
Unpaved surface
Street/curb and gutter
Storm drain

All sewage returned to sewer system
Captured and recovered from Storm Piping and returned to Sanitary Sewer system.

Spill was captured in 12 Storm Drain line and fully returned to Sanitary Sewer System
Spill captured in storm drain catch basin and returned to Sanitary Sewer system
Most of spill was contained on paved street, which was cleaned up and return to system. Approx. 25 gallons did reach hill
Total spill of 310 gallons onto paved surface/curb/gutter with approx. 10 gallons into storm drain. All areas cleaned or recovered
Spill was contained on street/curb and gutter due to leaves and parked cars on street. No sewage entered storm system

Spill on street and into nearby storm catch basin. catch basin full of debris(leaves,dirt).

Spill was contained with spill absorbant @ curb and gutter, cleaned, and return to sanitary sewer system

final destination of overflow was the DI at the bottom of the hill.
DI near the spill
Adobe Creek, the creek was dry and no moving water in summer time.

orchard/planting area

vegetation

unknown by the contractor

Seepage into soil

Minor seepage into vegetation and soil
Dry creek bed and infiltrated into soil
Spill seepage into ground and vegetation

11/27/2008 13:10	11/27/2008 13:10	11/27/2008 13:30	11/27/2008 14:40
5/12/2009 9:28	5/12/2009 9:29	5/12/2009 9:40	5/12/2009 10:00
8/15/2009 23:25	8/15/2009 23:25	8/15/2009 23:50	8/16/2009 0:30
10/30/2009 11:37	10/30/2009 11:37	10/30/2009 11:58	10/30/2009 12:08
4/14/2010 22:45	4/14/2010 22:45	4/14/2010 23:40	4/14/2010 23:50
5/24/2010 21:00	5/24/2010 21:00	5/24/2010 21:25	5/24/2010 23:15
8/23/2010 0:00	8/23/2010 10:33	8/23/2010 10:33	8/23/2010 10:59
10/18/2010 11:50	10/18/2010 11:50	10/18/2010 12:00	10/18/2010 12:10
11/10/2010 14:50	11/10/2010 14:54	11/10/2010 15:01	11/10/2010 15:06
1/9/2011 0:00	1/9/2011 10:15	1/9/2011 10:35	1/9/2011 11:30
6/24/2011 0:00	6/24/2011 13:15	6/24/2011 13:15	6/24/2011 14:20
6/28/2011 9:35	6/28/2011 9:35	6/28/2011 9:25	6/28/2011 10:05
11/15/2011 0:00	11/15/2011 11:41	11/15/2011 12:00	11/15/2011 12:08
12/21/2011 11:17	12/21/2011 11:17	12/21/2011 11:40	12/21/2011 11:50
12/29/2011 0:00	12/29/2011 15:20	12/29/2011 15:32	12/29/2011 15:41
1/22/2013 15:35	1/22/2013 16:15	1/22/2013 16:55	1/22/2013 17:38
3/11/2013 15:10	3/11/2013 15:15	3/11/2013 15:15	3/11/2013 15:17
3/25/2013 12:15	3/25/2013 13:40	3/25/2013 13:50	3/25/2013 13:50
9/1/2007 0:00	9/1/2007 8:50	9/1/2007 9:00	9/1/2007 10:15
9/11/2007 0:00	9/11/2007 11:25	9/11/2007 11:45	9/11/2007 12:15
6/25/2007 0:00	6/25/2007 10:12	6/25/2007 10:20	6/25/2007 13:20
6/3/2007 0:00	6/3/2007 9:08	6/3/2007 10:00	6/3/2007 10:10
5/16/2007 0:00	5/16/2007 11:00	5/16/2007 11:10	5/16/2007 11:20
6/19/2007 0:00	6/19/2007 13:18	6/19/2007 13:28	6/19/2007 13:48
9/27/2007 0:00	9/27/2007 7:52	9/27/2007 9:00	9/27/2007 14:00
10/1/2007 0:00	10/1/2007 9:20	10/1/2007 10:20	10/1/2007 11:15
11/20/2007 0:00	11/20/2007 9:50	11/20/2007 11:20	11/20/2007 11:30
11/29/2007 0:00	11/29/2007 16:14	11/29/2007 17:15	11/29/2007 19:30
1/1/2008 0:00	1/1/2008 14:34	1/1/2008 15:35	1/1/2008 16:00
1/2/2008 0:00	1/2/2008 16:26	1/2/2008 17:30	1/2/2008 20:00
1/3/2008 0:00	1/3/2008 12:15	1/3/2008 12:45	1/3/2008 15:45
1/18/2008 0:00	1/18/2008 15:39	1/18/2008 16:20	1/18/2008 17:25
2/12/2008 0:00	2/12/2008 11:02	2/12/2008 11:15	2/12/2008 11:30
3/6/2008 0:00	3/6/2008 8:51	3/6/2008 10:00	3/6/2008 15:30
2/20/2008 0:00	2/20/2008 13:39	2/20/2008 13:40	2/20/2008 16:40
2/12/2008 0:00	2/12/2008 11:02	2/12/2008 11:04	2/12/2008 11:30
5/21/2008 0:00	5/21/2008 9:52	5/21/2008 10:25	5/21/2008 12:25
6/12/2008 0:00	6/12/2008 8:55	6/12/2008 9:45	6/12/2008 11:30
6/27/2008 0:00	6/27/2008 12:33	6/27/2008 1:00	6/27/2008 1:20
6/29/2008 0:00	6/29/2008 11:30	6/29/2008 12:30	6/29/2008 4:00
11/8/2008 0:00	11/8/2007 11:10	11/8/2007 11:45	11/8/2007 12:30
11/25/2007 0:00	11/25/2007 6:00	11/25/2007 6:55	11/25/2007 7:23
3/6/2008 0:00	3/6/2008 9:20	3/6/2008 10:15	3/6/2008 15:30
6/2/2008 0:00	6/2/2008 8:16	6/2/2008 8:30	6/2/2008 9:30
12/5/2008 0:00	12/5/2008 14:37	12/5/2008 15:15	12/5/2008 17:35
12/7/2008 0:00	12/7/2008 16:49	12/7/2008 17:10	12/7/2008 20:15
11/17/2008 0:00	11/17/2008 10:45	11/17/2008 11:05	11/17/2008 12:30
12/10/2008 0:00	12/10/2008 8:56	12/10/2008 10:20	12/10/2008 10:50
12/27/2008 0:00	12/27/2008 13:22	12/27/2008 14:20	12/27/2008 17:30
2/13/2009 0:00	2/13/2009 13:40	2/13/2009 14:05	2/13/2009 16:00
4/13/2009 0:00	4/13/2009 14:21	4/13/2009 14:40	4/13/2009 15:58
4/20/2009 0:00	4/20/2009 10:44	4/20/2009 10:50	4/20/2009 11:50
8/17/2009 0:00	8/17/2009 11:30	8/17/2009 11:45	8/17/2009 18:00
9/23/2009 0:00	9/23/2009 13:06	9/23/2009 13:15	9/23/2009 13:40
10/6/2009 0:00	10/6/2009 12:30	10/6/2009 12:30	10/6/2009 13:30

Grease deposition (FOG)
Root intrusion
Debri-General
Debri-Rags
Debri-General
Vandalism
Grease deposition (FOG)
Root intrusion
Pipe structural problem/failure
Grease deposition (FOG)
Other (specify below)
Root intrusion
Root intrusion
Root intrusion
Debri-General
Debri-Rags
Other (specify below)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Debri-General
Debri-General
Other (specify below)
Root intrusion
Root intrusion
Root intrusion
Debri-General
Other (specify below)
Root intrusion
Root intrusion
Other (specify below)
Debri-General
Other (specify below)
Root intrusion
Debri-General
Root intrusion
Root intrusion
Root intrusion
Pump station failure
Other (specify below)
Root intrusion
Other (specify below)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Debri-General
Other (specify below)
Debri-General
Root intrusion
Other (specify below)
Root intrusion

Roots growing from manhole buried in a back yard. Manhole was buried more than 3 feet down in the back yard of 1011 6

Soft rag blockage in 6 sewer main

Various types of debris (small tree, rocks, landscape stake, cans)were discovered in Manhole, which had be dumped by s

Construction company(Ghilotti) was driving pylons for new bridge and hit new non-active forcemain.

Spill caused by two pumps running from contractor performing punch list work at newly constructed El Charro lift station.

Switching pumps of the sewer bypass system that was being used for a sewer main emergency replacement at that locati

possibly caused from newly constructed home and sewer line on Newbridge Drive
AC rock & concrete

Rocks and wood in MH

Unknown

Rags & debris

Asphalt concrete debris

Unknown

Plastic bottle in main line

Pump turned off

[Main](#)

Main

Lower Lateral

Main

Lower Lateral

[Main](#)

Main

Main

Main

Main

Main

Main

Other (specify below)

Main

Main

Main

Main

Main

Buried manhole in back yard of 1011 Geneva St.

Main line, just down stream of Aparment complex lateral

forcemain

Failure occurred at discharge mainhole from forcemain, two pumps running with soft blockage downstream restricting flow

Obstruction at 75'

root at 175 feet

Lift station control failure.

Manhole # 29 was bubbling which caused by root intrusion

8 PVC
10 VCP

6 VCP
10

8 VCP
8

6 VCP
6
6 VCP

v, flows exceedded capacity

6 VCP

6 VCP
6 vcp

6 VCP
6 VCP
6 VCP
6 VCP
6 VCP
6 VCP

6 VCP
6 VCP
6 VCP

6 VCP
6 VCP
8 VCP
8 VCP
6 VCP
6 VCP
6 VCP
6 VCP
6 VCP
8 VCP
6 VCP
6 VCP
6 VCP
6 VCP
8 VCP
6 VCP
6 VCP
6 VCP
6

4
45
45

Vac-Con used to break blockage, restore flow. Flow from manhole was blocked on street and plugged in storm piping for
Crews using two Vac-Cons were able to block most of flow from entering storm catch basin, one Vac-Con worked the Blo

Call was received by Source Control department at 2:54pm; Collection staff was notified and responded. First person on

Spill was fully captured in private storm system within business parking lot. Two businesses had small spills inside bathrc

Blockage in 6' mainline, sewage entered abandoned storm catch basin, area cleaned and all sewage returned to system

Cleaned and recovered 475 gallons from spill area, 200+/- gallons absorbed into soil. Mainline jetted and soft blockage c

The crew first contained the overflow area, then relieved stoppage and washed down the roadway and vacuuming up the

Jet flushed from MH 20 to MH 21 and broke obstruction of heavy roots. Recommend TV to evaluate
Jet flushed from MH#7; rodde from MH#8. Broke obstruction of heavy roots
Jet flushed from MH#18 & #19. Broke obstruction in MH #19. There were rocks and wood in channel
jet flushed and broke obstruction of rags & debris
Rodded but encounter obstruction. Contractor will evaluate with TV when re-rod line.
Rodded with power rodde and broke obstruction of roots 175' upstream from MH #H-26
jet flushed line from MH#66 thru #68 to MH #69. MH# 69 is overflowing; broke obstruction of rags & debris
Jet flushed line from MH#11 thru #12 to #13.
Jet flushed from MH B-4 through MH D-33
Jet flushed 275 feet from MH #9 to MH #6 and broke obstruction of roots and debris
Worked on soft starter and pumped wetwell into vacuor tank truck to prevent overflow
Manhole #79 was full; slight seepage was visible on surface.

Washed down street on Altadena Drive

Crews cleaned up and vacuum most of the spill on the paved surface areas.

5/25/2010 2:45

6/24/2011 14:20

6/3/2007 10:10
5/16/2007 11:20
6/19/2007 13:48

6/29/2008 4:00

6/2/2008 12:15

2/13/2009 16:00
4/13/2009 15:58

9/23/2009 15:15
10/6/2009 15:00

Adjusted schedule/method of preventive maintenance

Repaired sewer

Added sewer to preventive maintenance program
Adjusted schedule/method of preventive maintenance
Repaired sewer

Repaired sewer

Added sewer to preventive maintenance program;Plan rehabilitation or replacement of sewer

Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance
Plan rehabilitation or replacement of sewer

Other (specify below)
Repaired sewer

Bolted down manhole covers to be installed to prevent this from occurring in neighborhood.

Town will work with maintenance crews to insure quality service.

No

No

No
No
No

Yes

Yes

Yes
Yes

No
No

N/A

No

No

No
No
No

No

No

No
No

Yes
No

N/A

NA

NA

NA

NA
NA

NA
NA

N/A

NONE

N/A

NONE

N/A

No surface water(s) impacted

N/A

N/A

N/A

NONE

NA

Purissima Creek

Adobe Creek - dry creek during summer time

Deer Creek

Barron Creek

NA

Dry Creek

Deer Creek

Barron Creek

No water quality samples taken

Not applicable to this spill

No water quality samples taken
No water quality samples taken
No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken
No water quality samples taken

No water quality samples taken
No water quality samples taken;Not applicable to this spill

None of the above

None of the above

No water quality samples taken
No water quality samples taken
None of the above

Not applicable to this spill

None of the above

None of the above
No water quality samples taken

None of the above
None of the above

95693 8/16/2009 1:35

103220 5/24/2010 22:05

113801 6/24/2011 16:10

0 9/23/2009 0:00

2SSO10149	Active	746440 Johnson Chung	Certified
2SSO10149	Active	746715 Johnson Chung	Certified
2SSO10149	Active	746720 Johnson Chung	Certified
2SSO10149	Active	747258 Johnson Chung	Certified
2SSO10149	Active	748165 Johnson Chung	Certified
2SSO10149	Active	748166 Johnson Chung	Certified
2SSO10149	Active	748167 Johnson Chung	Certified
2SSO10149	Active	748845 Johnson Chung	Certified
2SSO10149	Active	749065 Johnson Chung	Certified
2SSO10149	Active	751553 Johnson Chung	Certified
2SSO10149	Active	751797 Johnson Chung	Certified
2SSO10149	Active	753059 Johnson Chung	Certified
2SSO10149	Active	755811 Johnson Chung	Certified
2SSO10149	Active	756421 Johnson Chung	Certified
2SSO10149	Active	756669 Johnson Chung	Certified
2SSO10149	Active	757464 Johnson Chung	Certified
2SSO10149	Active	757926 Johnson Chung	Certified
2SSO10149	Active	758293 Johnson Chung	Certified
2SSO10149	Active	758351 Johnson Chung	Certified
2SSO10149	Active	758440 Johnson Chung	Certified
2SSO10149	Active	759154 Johnson Chung	Certified
2SSO10149	Active	759574 Johnson Chung	Certified
2SSO10149	Active	759691 Johnson Chung	Certified
2SSO10149	Active	760917 Johnson Chung	Certified
2SSO10149	Active	761694 Johnson Chung	Certified
2SSO10149	Active	762915 Johnson Chung	Certified
2SSO10149	Active	762999 Johnson Chung	Certified
2SSO10149	Active	765234 Johnson Chung	Certified
2SSO10149	Active	766245 Johnson Chung	Certified
2SSO10149	Active	766807 Johnson Chung	Certified
2SSO10149	Active	767169 Johnson Chung	Certified
2SSO10149	Active	767525 Johnson Chung	Certified
2SSO10149	Active	767534 Johnson Chung	Certified
2SSO10149	Active	768060 Johnson Chung	Certified
2SSO10149	Active	769153 Johnson Chung	Certified
2SSO10149	Active	769487 Johnson Chung	Certified
2SSO10149	Active	769737 Johnson Chung	Certified
2SSO10149	Active	770244 Johnson Chung	Certified
2SSO10149	Active	770349 Johnson Chung	Certified
2SSO10149	Active	771539 Johnson Chung	Certified
2SSO10149	Active	772280 Johnson Chung	Certified
2SSO10149	Active	773539 Johnson Chung	Certified
2SSO10149	Active	774044 Johnson Chung	Certified
2SSO10149	Active	774048 Johnson Chung	Certified
2SSO10149	Active	775720 Johnson Chung	Certified
2SSO10149	Active	776180 Johnson Chung	Certified
2SSO10149	Active	776674 Johnson Chung	Certified
2SSO10149	Active	778199 Johnson Chung	Certified
2SSO10149	Active	778612 Johnson Chung	Certified
2SSO10149	Active	778616 Johnson Chung	Certified
2SSO10149	Active	778678 Johnson Chung	Certified
2SSO10149	Active	780331 Johnson Chung	Certified
2SSO10149	Active	783535 Michelle Chen	Certified
2SSO10149	Active	787732 Michelle Chen	Certified
2SSO10149	Active	787815 Michelle Chen	Certified

[illegible]

Los Altos Hills	482828
Los Altos Hills	526666
Los Altos Hills	411819
Los Altos Hills	891934
Los Altos Hills	452627
Los Altos Hills	588024
Los Altos Hills	254296
Los altos Hills	822016
Los Altos Hills	190939
Los Altos Hills	984095
Los Altos Hills	112474
Los Altos Hills	407002
Los Altos Hills	827705
Los Altos Hills	811750
Los Altos Hills	653638
Los Altos Hills	664238
Los Altos Hills	691044
Los Altos Hills	992281
Los Altos Hills	185297
Los Altos Hills	530533
Los Altos Hills	339103
Los Altos Hills	644429
Los Altos Hills	167597
Los Altos Hills	555958
Los Altos Hills	804993
Los Altos Hills	587347
Los Altos Hills	348583
Los Altos Hills	636885
Los Altos Hills	360490
Los Altos Hills	283229
Los Altos Hills	214943
Los Altos Hills	764866
Los Altos Hills	335223
Los Altos Hills	974946
Los Altos Hills	351320
Los Altos Hills	392968
Los Altos Hills	806788
Los Altos Hills	382081
Los Altos Hills	472297
Los Altos Hills	794395
Los Altos Hills	577096
Los Altos Hills	172194
Los Altos Hills	882058
Los Altos Hills	529454
Los Altos Hills	514219
Los Altos Hills	670249
Los Altos Hills	241290
Los Altos Hills	797130
Los Altos Hills	960580
Los Altos Hills	343772
Los Altos Hills	462062
Los Altos Hills	638754
Los Altos Hills	754332
11:28am	798275
11:20am	910702

3-Nov-09		3-Nov-09	11/3/2009
12-Nov-09		24-Nov-09	12/21/2010
12-Nov-09		24-Nov-09	12/21/2010
2-Dec-09		2-Dec-09	12/2/2009
5-Jan-10		5-Jan-10	1/5/2010
5-Jan-10		5-Jan-10	1/5/2010
5-Jan-10		5-Jan-10	1/5/2010
26-Jan-10		26-Jan-10	1/26/2010
2-Feb-10		3-Feb-10	2/3/2010
13-Apr-10		14-Apr-10	4/14/2010
20-Apr-10		20-Apr-10	12/20/2010
3-Jun-10	6/3/2010	3-Jun-10	6/3/2010
5-Aug-10	8/5/2010	5-Aug-10	8/5/2010
26-Aug-10	8/26/2010	26-Aug-10	12/20/2010
9-Sep-10	9/9/2010	9-Sep-10	9/9/2010
8-Oct-10	10/8/2010	8-Oct-10	10/8/2010
19-Oct-10	10/19/2010	19-Oct-10	10/19/2010
1-Nov-10	11/1/2010	1-Nov-10	11/1/2010
3-Nov-10	11/3/2010	3-Nov-10	11/3/2010
9-Nov-10	11/9/2010	9-Nov-10	11/9/2010
7-Dec-10	12/7/2010	8-Dec-10	12/8/2010
20-Dec-10	12/20/2010	20-Dec-10	12/20/2010
22-Dec-10	12/22/2010	22-Dec-10	12/22/2010
11-Jan-11	1/11/2011	11-Jan-11	1/11/2011
24-Jan-11	1/24/2011	24-Jan-11	1/24/2011
14-Feb-11	2/14/2011	14-Feb-11	2/14/2011
14-Feb-11	2/14/2011	14-Feb-11	2/14/2011
6-Apr-11	4/6/2011	6-Apr-11	4/6/2011
9-May-11	5/9/2011	9-May-11	5/9/2011
23-May-11	5/23/2011	23-May-11	5/23/2011
6-Jun-11	6/6/2011	6-Jun-11	6/6/2011
15-Jun-11	6/15/2011	15-Jun-11	6/15/2011
15-Jun-11	6/15/2011	15-Jun-11	6/15/2011
30-Jun-11	6/30/2011	30-Jun-11	6/30/2011
28-Jul-11	7/28/2011	28-Jul-11	7/28/2011
4-Aug-11	8/4/2011	4-Aug-11	8/4/2011
11-Aug-11	8/11/2011	23-Aug-11	8/23/2011
23-Aug-11	8/23/2011	23-Aug-11	8/23/2011
25-Aug-11	8/25/2011	25-Aug-11	8/25/2011
28-Sep-11	9/28/2011	28-Sep-11	9/28/2011
24-Oct-11	10/24/2011	24-Oct-11	10/24/2011
29-Nov-11	11/29/2011	29-Nov-11	11/29/2011
13-Dec-11	12/13/2011	13-Dec-11	12/13/2011
13-Dec-11	12/13/2011	13-Dec-11	12/13/2011
11-Jan-12	1/11/2012	11-Jan-12	1/11/2012
20-Jan-12	1/20/2012	20-Jan-12	1/20/2012
31-Jan-12	1/31/2012	31-Jan-12	1/31/2012
29-Feb-12	2/29/2012	29-Feb-12	2/29/2012
13-Mar-12	3/13/2012	13-Mar-12	3/13/2012
13-Mar-12	3/13/2012	13-Mar-12	3/13/2012
15-Mar-12	3/15/2012	15-Mar-12	3/15/2012
19-Apr-12	4/19/2012	19-Apr-12	4/19/2012
16-Jul-12	7/16/2012	16-Jul-12	7/16/2012
31-Oct-12	11/6/2012	6-Nov-12	11/6/2012
2-Nov-12	11/2/2012	2-Nov-12	11/2/2012

Category 2	1200	1182
Category 1	50	50
Category 1	50	48
Category 3	75	75
Category 3	500	500
Category 3	20	20
Category 3	300	300
Category 3	200	200
Category 1	1125	800
Category 3	900	350
Category 1	500	0
Category 3	800	700
Category 1	3750	0
Category 1	1380	1200
Category 2	1375	0
Category 3	640	0
Category 1	200	0
Category 1	720	460
Category 3	50	0
Category 1	85	25
Category 1	800	0
Category 1	600	200
Category 1	50	0
Category 2	1600	0
Category 3	200	0
Category 3	30	0
Category 3	150	0
Category 3	270	0
Category 3	90	0
Category 3	15	0
Category 1	1500	1200
Category 3	11	0
Category 3	10	0
Category 3	37	0
Category 3	150	0
Category 3	11	0
Category 3	100	100
Category 3	5	0
Category 3	35	0
Category 3	60	0
Category 3	30	0
Category 3	630	0
Category 3	180	0
Category 3	90	0
Category 1	675	0
Category 3	250	0
Category 3	272	0
Category 3	15	0
Category 3	1	0
Category 3	1	0
Category 3	50	0
Category 3	300	0
Category 3	34	0
Category 3	140	0
Category 3	6	0

0 No	No
1 Yes	Yes
2 Yes	Yes
0 No	No
0 No	Yes
0 No	No
0 No	Yes
0 No	No
325 Yes	Yes
0 No	Yes
350 Yes	Yes
0 No	No
3750 Yes	Yes
180 Yes	No
0 No	No
0 No	Yes
200 Yes	No
260 Yes	No
0 No	No
65 Yes	Yes
800 Yes	No
400 Yes	No
20 No	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
300 Yes	No
0 No	No
0 No	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
10 Yes	No
0 No	No
0 No	Yes
0 No	No
0 No	No
0 No	No
0 No	Yes
0 No	No
0 No	No
0 No	No
0 No	No

Not Applicable - Spill did not reach a separate storm drainpipe

Shady Oaks Court
Corbetta Lane
Corbetta lane
Moody Springs Court
Newbridge Drive
Todd Lane
Altamont Road
Fremont Road Easement
Matadero Creek Court Easement
Emerald Hill Lane
Stonebrook Drive
O'Keefe Lane
Amherst Court
Todd Lane Easement Mainline
Dezahara Way Easement Area
Concepcion Road
Todd Lane Sanitary Sewer Easement
Sanitary Sewer Manhole is Located in a Private Property in the Dirt Area
Altadena Drive and Manuella Road
Priscilla Lane
Todd Lane in the easement MainLine
Moody Road Pedestrian Trail
Winding Way
Via Cerro Gordo Pedestrian Trial in the Easement
Intersection of Taaffe and Altamont Road
Summitwood Court Private Driveway
Matadero Creek Pedestrian Trail
Alta Tierra Easement Main Line
Story Hills Lane Easement
Altamont Road Easement Main Line
Palo Hills Drive Easement
Old Page Mill Road Easement Main Line
Torello Lane Easement Main Line
Yale Court in the Easement Mainline
Summitwood Road Easement
Manuella Road
Arastradero Road and Thendara Way
Anacapa and Ascension Drive
Christopher Lane Easement Line
Intersection of Tepa Way and Summitwood Road
Rhus Ridge Road Easement Mainline
Intersection of Altamont Road and Padre Court
La Cresta Court Easement Line
Tepa Way Right of Way
In a New Development Area
Aric Lane Easement Line
Fremont Pines Lane and Fremont Road
Moody Road Easement
Nina Place easement mainline
La Cresta Drive Easement
Camino Medio Right of Way
Rhus Ridge Road
26010 Altamont Road
11611 Winding Way
Winding Way

37.39287	-122.14255 Santa Clara
37.35862	-122.14294 Santa Clara
37.35862	-122.14294 Santa Clara
37.35498	-122.13847 Santa Clara
37.37639	-122.13271 Santa Clara
37.37812	-122.13283 Santa Clara
37.35782	-122.14081 Santa Clara
37.39107	-122.14257 Santa Clara
37.37138	-122.16312 Santa Clara
37.35449	-122.12336 Santa Clara
37.35773	-122.12435 Santa Clara
37.36552	-122.1194 Santa Clara
37.387389	-122.16463 Santa Clara
37.37777	-122.13222 Santa Clara
37.36002	-122.14752 Santa Clara
37.37547	-122.13706 Santa Clara
37.37706	-122.13259 Santa Clara
37.38216	-122.13606 Santa Clara
37.38564	-122.13308 Santa Clara
37.35674	-122.12249 Santa Clara
37.37702	-122.13275 Santa Clara
37.35309	-122.14551 Santa Clara
37.35052	-122.10854 Santa Clara
37.36934	-122.16358 Santa Clara
37.36608	-122.14171 Santa Clara
37.35628	-122.13136 Santa Clara
37.37167	-122.16439 Santa Clara
37.37151	-122.13501 Santa Clara
37.37966	-122.13746 Santa Clara
37.36056	-122.14621 Santa Clara
37.38999	-122.14395 Santa Clara
37.39309	-122.16374 Santa Clara
37.38396	-122.13147 Santa Clara
37.38962	-122.16573 Santa Clara
37.35344	-122.13634 Santa Clara
37.39036	-122.13185 Santa Clara
37.39341	-122.14621 Santa Clara
37.38239	-122.14346 Santa Clara
37.39167	-122.16416 Santa Clara
37.35539	-122.13223 Santa Clara
37.35314	-122.13791 Santa Clara
37.35821	-122.13917 Santa Clara
37.37592	-122.13965 Santa Clara
37.35482	-122.13268 Santa Clara
37.38141	-122.14873 Santa Clara
37.37966	-122.13746 Santa Clara
37.38209	-122.13165 Santa Clara
37.35312	-122.14402 Santa Clara
37.38707	-122.14606 Santa Clara
37.37753	-122.14118 Santa Clara
37.38074	-122.13998 Santa Clara
37.35263	-122.13754 Santa Clara
37.35832	-122.14377 Santa Clara
37.3503	-122.1082 Santa Clara
37.35066	-122.10643 Santa Clara

[illegible]

Sanitary sewer manhole overflow downhill side to a dry creek

Main line clean out F.I.

Sewage spilled from a manhole in the easement area.

Town manhole overflow due to City of Palo Alto downstream trunk line blockage at Page Mill Road. I put sand bags around
Sewer manhole located next to a dry creek and was overflowed, fortunately there are a lot of vegetation along the creek and
Sanitary sewer manhole overflow is in the easement area, it is located more than 200 feet away from a dry creek. At the

Sanitary sewer manhole is located next to a ditch, raw sewage slowly seeped out from a sewer manhole to the surface water

The spill was seeping out in a resident's backyard in the dirt area.

manhole overflow

Manhole in the street near cul-de-sac

nd storm drain inlet to protect sewage e
which can slow down the flow and the sp
time of the spill, we have dig a trench to
r and to the dirt area.

Gravity sewer;Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Other (specify)
Manhole
Gravity sewer;Manhole
Manhole
Pump station
Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Manhole
Manhole
Manhole
Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Gravity sewer;Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Gravity sewer
Manhole
Manhole
Manhole
Other (specify)
Manhole
Manhole
Manhole
Manhole
Manhole
Force main or pressure sewer;Manhole
Manhole
Manhole
Manhole
Other (specify)
Manhole
Manhole
Manhole
Manhole
Other sewer system structure

In the dirt area.

Flushing Inlet

Flush inlet at the end of the mainline.

Private cleanout at 11724 Winding Way full and Private Cleanout at 11734 Winding Way spilled and later cleaned up.

Other (specify below)
Street/curb and gutter
Separate storm drain;Street/curb and gutter
Street/curb and gutter
Other (specify below)
Street/curb and gutter
Storm drain;Street/curb and gutter;Unpaved surface
Unpaved surface
Other paved surface;Storm drain;Street/curb and gutter;Unpaved surface
Unpaved surface
Surface water;Unpaved surface
Unpaved surface
Other paved surface;Storm drain;Street/curb and gutter
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Surface water;Unpaved surface
Street/curb and gutter;Unpaved surface
Other paved surface;Street/curb and gutter
Surface water;Unpaved surface
Surface water;Unpaved surface;Other (specify below)
Unpaved surface
Unpaved surface
Unpaved surface
Other (specify below)
Other (specify below)
Unpaved surface
Unpaved surface
Unpaved surface
Other (specify below)
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Other paved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface;Other (specify below)
Unpaved surface
Unpaved surface
Unpaved surface;Other (specify below)
Unpaved surface;Other (specify below)
Unpaved surface;Other (specify below)
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Other paved surface
Other (specify below)

Spill reach to a down hill side to a dry creek

Down 400' away from manhole

The crew placed sand bags around storm drain inlet to keep sewage from enter the inlet and divered the flow to a nearby
Sewer manhole is locate at a pedestrian trail close to Adobe Creek. Sewage was sipped out from the manhole cover and

Sewage seeped into vegetation area.
Dirt area.
Dirt area

Sewer manhole is located next to a creek. Most of the spilled reached to a dry creek bed and used a protable pump to pu

Infiltrated into dry ditch and vegetation area.
Spill infiltrated in the vegetation area.
Spill seeped into soil and vegetation area.
Approximately 500 gallons went to a dry creek bed and 175 gallons sipped into soil.
Infiltrated into dry creek bed.
Infiltrated into soil in the dry ditch.

There was no spill when crew arrived.

The final spill destination was to a dry ditch.

On AC and concrete area on the roadway
dirt area

10/30/2009 0:00	10/30/2009 9:53	10/30/2009 10:42	10/30/2009 14:00
11/1/2009 0:00	11/1/2009 9:36	11/1/2009 10:30	11/1/2009 12:30
11/1/2009 0:00	11/1/2009 9:36	11/1/2009 10:30	11/1/2009 12:30
11/30/2009 0:00	11/30/2009 10:45	11/30/2009 11:15	11/30/2009 11:45
12/23/2009 0:00	12/23/2009 15:35	12/23/2009 16:10	12/23/2009 16:45
12/25/2009 0:00	12/25/2009 14:08	12/25/2009 14:45	12/25/2009 15:15
12/31/2009 0:00	12/31/2009 10:25	12/31/2009 11:00	12/31/2009 13:04
1/22/2010 0:00	1/22/2010 10:45	1/22/2010 11:30	1/22/2010 12:30
1/30/2010 0:00	1/30/2010 12:50	1/30/2010 13:45	1/30/2010 16:30
4/9/2010 0:00	4/9/2010 11:24	4/9/2010 12:10	4/9/2010 13:30
4/17/2010 0:00	4/17/2010 12:00	4/17/2010 12:30	4/17/2010 13:45
6/3/2010 0:00	6/3/2010 7:45	6/3/2010 8:15	6/3/2010 8:45
8/4/2010 0:00	8/4/2010 9:41	8/4/2010 10:49	8/4/2010 12:12
8/25/2010 0:00	8/25/2010 8:05	8/25/2010 8:30	8/25/2010 9:28
9/8/2010 0:00	9/8/2010 11:06	9/8/2010 11:18	9/8/2010 12:10
10/6/2010 0:00	10/6/2010 16:41	10/6/2010 16:52	10/6/2010 18:49
10/17/2010 0:00	10/17/2010 14:36	10/17/2010 15:10	10/17/2010 17:09
10/29/2010 0:00	10/29/2010 11:10	10/29/2010 12:13	10/29/2010 12:59
10/30/2010 0:00	10/30/2010 15:55	10/30/2010 16:40	10/30/2010 18:30
11/3/2010 0:00	11/3/2010 8:30	11/3/2010 8:45	11/3/2010 9:32
12/4/2010 0:00	12/4/2010 11:38	12/4/2010 12:48	12/4/2010 13:19
12/19/2010 0:00	12/19/2010 16:45	12/19/2010 17:00	12/19/2010 17:30
12/21/2010 0:00	12/21/2010 13:26	12/21/2010 13:54	12/21/2010 14:22
1/7/2011 0:00	1/7/2011 17:13	1/7/2011 18:03	1/7/2011 19:56
1/16/2011 0:00	1/16/2011 14:30	1/16/2011 15:29	1/16/2011 16:06
2/10/2011 0:00	2/10/2011 16:29	2/10/2011 17:17	2/10/2011 18:10
2/11/2011 0:00	2/11/2011 11:00	2/11/2011 12:00	2/11/2011 13:00
4/5/2011 0:00	4/5/2011 11:04	4/5/2011 12:00	4/5/2011 14:00
5/7/2011 0:00	5/7/2011 11:00	5/7/2011 11:45	5/7/2011 12:30
5/22/2011 0:00	5/23/2011 13:07	5/23/2011 14:11	5/23/2011 15:11
5/27/2011 0:00	5/27/2011 7:52	5/27/2011 8:20	5/27/2011 8:40
6/9/2011 0:00	6/9/2011 15:37	6/9/2011 16:15	6/9/2011 17:00
6/8/2011 0:00	6/8/2011 12:27	6/8/2011 12:45	6/8/2011 13:25
6/29/2011 0:00	6/29/2011 9:47	6/29/2011 10:30	6/29/2011 11:00
7/27/2011 0:00	7/27/2011 12:12	7/27/2011 13:00	7/27/2011 17:00
8/2/2011 0:00	8/2/2011 9:44	8/2/2011 10:00	8/2/2011 10:15
8/10/2011 0:00	8/10/2011 10:20	8/10/2011 10:50	8/10/2011 12:20
8/20/2011 0:00	8/20/2011 17:17	8/20/2011 18:15	8/20/2011 18:30
8/23/2011 0:00	8/23/2011 10:34	8/23/2011 10:45	8/23/2011 11:00
9/27/2011 0:00	9/27/2011 14:00	9/27/2011 14:40	9/27/2011 15:00
10/14/2011 0:00	10/14/2011 11:08	10/14/2011 11:45	10/14/2011 12:15
11/26/2011 0:00	11/26/2011 16:06	11/26/2011 17:10	11/26/2011 17:30
12/1/2011 0:00	12/1/2011 9:53	12/1/2011 10:00	12/1/2011 10:45
12/10/2011 0:00	12/10/2011 13:06	12/10/2011 14:10	12/10/2011 14:30
1/7/2012 0:00	1/7/2012 10:55	1/7/2012 11:30	1/7/2012 11:45
1/19/2012 0:00	1/19/2012 13:26	1/19/2012 13:40	1/19/2012 13:40
1/25/2012 0:00	1/25/2012 13:32	1/25/2012 13:52	1/25/2012 13:54
2/23/2012 0:00	2/23/2012 16:00	2/23/2012 16:45	2/23/2012 17:00
3/2/2012 0:00	3/2/2012 10:13	3/2/2012 11:15	3/2/2012 11:36
3/9/2012 0:00	3/9/2012 14:51	3/9/2012 15:40	3/9/2012 15:42
3/12/2012 0:00	3/12/2012 9:35	3/12/2012 10:40	3/12/2012 11:30
4/15/2012 0:00	4/15/2012 19:35	4/15/2012 20:50	4/15/2012 21:05
6/22/2012 0:00	6/22/2012 13:30	6/22/2012 14:26	6/22/2012 14:26
10/23/2012 0:00	10/23/2012 13:28	10/23/2012 14:50	10/23/2012 15:00
10/13/2012 0:00	10/13/2012 17:09	10/13/2012 18:15	10/13/2012 19:10

Other (specify below)
Root intrusion
Root intrusion
Root intrusion
Grease deposition (FOG)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Grease deposition (FOG)
Pump station failure
Root intrusion
Other (specify below)
Root intrusion
Pipe structural problem/failure
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Debris-General
Other (specify below)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Pipe structural problem/failure
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Pump station failure
Other (specify below)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Pipe structural problem/failure
Root intrusion
Root intrusion

Heavy roots blocking channel of the sewer main

This is the same location which was overflow back in February 13, 2009 and caused by City of Palo Alto trunk line plugged
Spill caused by an under garment cloth caught in the mainline and triggered the overflow, most of the spill was captured \

The spill caused by roots in the mainline and it was partial open at the time of overflow. We have sand bags in place at t
The mainline was partially opened at the time of the spill and the sewer was slowly not constantly sipped out from the ove

Spill caused by dirt and roots.

Roots in manhole

Unable to determine.

a section of pipe was broken
root in manhole channel
Town contractor rodded mainline 75' and broke root obstruction

Main
Main
Main

Main

Main
Main

[illegible]

Other (specify below)

Main
Main
Main
Main
Main
Main
Main
Main
Main
Main

Pump station offline and control problem.

root ball in manhole channel

6 VCP
6 VCP
6 vcp
6 VCP
6 VCP
6 VCP

6 VCP
6 VCP

6 VCP

8 VCP
6 VCP
6 VCP
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8 VCP
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6 VCP
6 VCP
6 VCP

Maintenance staffs has vacuum truck suck most of the raw sewage from the dry creek and then use fresh water to washe

root ball in manhole channel. Minor debris from resident's cleanout located behind home. Clean up debris and bagged. Town constractor rodded mainline and broke root obstruction.

10/30/2009 14:00
11/1/2009 12:30
11/1/2009 12:30

1/30/2010 19:45
4/9/2010 16:20
4/17/2010 13:45

8/4/2010 13:16
8/25/2010 11:23
9/8/2010 14:10
10/6/2010 19:20
10/17/2010 17:39
10/29/2010 15:05

11/3/2010 11:02
12/4/2010 15:20
12/19/2010 18:42
12/21/2010 15:54
1/7/2011 21:36

5/27/2011 15:30
6/8/2011 14:27

1/7/2012 13:58
1/25/2012 15:32

3/12/2012 11:56

Added sewer to preventive maintenance program;Plan rehabilitation or replacement of sewer
Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance;Plan rehabilitatic
Plan rehabilitation or replacement of sewer

Added sewer to preventive maintenance program;Plan rehabilitation or replacement of sewer
Repaired sewer
Added sewer to preventive maintenance program

Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance
Added sewer to preventive maintenance program
Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance
Repaired sewer
Plan rehabilitation or replacement of sewer
Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program
Plan rehabilitation or replacement of sewer
Added sewer to preventive maintenance program;Enforcement action against FOG source
Added sewer to preventive maintenance program
Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program;Plan rehabilitation or replacement of sewer;Repaired sewer
Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance

Repaired sewer

Adjusted schedule/method of preventive maintenance

Plan rehabilitation or replacement of sewer;Repaired sewer

Yes
Yes
Yes

Yes
Yes
Yes

Yes
Yes
Yes
Yes
Yes
Yes

Yes
Yes
Yes
Yes
Yes

Yes

Yes

Yes

Yes

Yes

Yes
No
No

No
No
No

No
No
No
No
No
No

No
No
No
No
No

No

No

No

No

No

NA
NA
NA

NA
NA
NA

NA
NA
NA

NA
Adobe Creek
Adobe Creek

The spill from the storm drain inlet reached to a near by swale which has a small amount of flow at the time, but we did fl
NA
Hale Creek

Matadero Creek
The estimate volume of spill reached to the Dry Creek.

NA
The spilled reach to dirt area only and did not reach to surface water.
Impacted surface water from a ditch.
Spilled sewage went to a dry creek where the vacuum truck sucked up most of the spills and returned to the sewer system

N/A
Dry Creek
Sewer manhole is locate next to a swale where the spilled went and drained to a nearby dry creek.
Adobe Creek

na
The final destination of the spill went to the dirt area.
Spilled did not reach to surface water
Sewage did not reach to surface water.
Spill did not reach to surface water.
Spill did not reach to surface water
Spill did not reach to surface water
Spill did not reach to surface water
Barron Creek and the creek bed was dry at the time of spilled.
Spill did not reach any surface water
Spill did not reach to any surface water
Spill did not reach to surface water
Spill did not reach to any surface water.
The spill did not reach to surface water.
Spill did not reach to any surface water.
Spill did not reach to any surface water.
Spill did not reach any surface water.
The spill did not reach to any surface water and the final destination is in the dirt area.
Spill did not reach to any surface water.
Spilled did not reach to any surface water.
Spilled did not reach any surface water.
Spilled did not reach to any surface water.
Deer Creek and the creek bed was dry at the time of spilled.
Spill did not reach to any surface water.
Spill did not reach to any surface water, it infiltrated into a dry ditch instead.
Spill did not reach to any surface water.
Spill did not reach to any surface water.
Spill did not reach to any surface water or creek.
Spill did not reach to any surface water.
Spill did not reach to any surface water.

None
None
None

No water quality samples taken
No water quality samples taken
No water quality samples taken

No water quality samples taken
No water quality samples taken
No water quality samples taken

No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken

No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken
No water quality samples taken
No water quality samples taken

None of the above
Regional Water Quality Control Board
None of the above

No water quality samples taken
No water quality samples taken
County Health Agency;Regional Water Quality Control Board
No water quality samples taken
County Health Agency;Regional Water Quality Control Board
County Health Agency;Regional Water Quality Control Board

County Health Agency;Regional Water Quality Control Board
County Health Agency;Regional Water Quality Control Board
County Health Agency;Regional Water Quality Control Board
County Health Agency;Regional Water Quality Control Board
County Health Agency;Regional Water Quality Control Board

County Health Agency;Regional Water Quality Control Board
County Health Agency;Regional Water Quality Control Board

No water quality samples taken
None of the above

County Health Agency

\${ssoDetails.resultsReportedExplanation}

100890	1/30/2010 12:50
102308	4/12/2010 9:16
102477	4/20/2010 10:04

104661	8/4/2010 12:58
105086	8/25/2010 9:08
105404	9/8/2010 12:26

106249	10/17/2010 16:52
106500	10/29/2010 12:03

106595	10/3/2010 9:58
107285	12/4/2010 13:19
107647	12/19/2010 17:49
107714	12/21/2010 14:40
110126	1/7/2011 19:37

113218	5/27/2011 9:25
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113437	6/8/2011 14:11
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120120	1/7/2012 12:08
120361	1/19/2012 14:55
120529	1/25/2012 15:25

121399	3/12/2012 10:56
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2SSO10149	Active	787820 Michelle Chen	Certified
2SSO10149	Active	788496 Michelle Chen	Certified
2SSO10149	Active	788813 Michelle Chen	Certified
2SSO10149	Active	790838 Michelle Chen	Certified
2SSO10149	Active	790971 Michelle Chen	Certified
2SSO10149	Active	793606 Michelle Chen	Certified
2SSO10149	Active	794647 Woojae Kim	Certified
2SSO10149	Active	796200 Woojae Kim	Certified
2SSO10149	Active	796634 Woojae Kim	Certified
2SSO10149	Active	798388 Woojae Kim	Certified
2SSO10149	Active	798389 Woojae Kim	Certified
2SSO10149	Active	798849 Woojae Kim	Certified
2SSO10149	Active	800838 Richard Chiu	Certified
2SSO10149	Active	801102 Richard Chiu	Certified
2SSO10149	Active	801103	Work In Progress
2SSO10151	Active	650534 Timothy O'Day	Certified
2SSO10151	Active	655340 Timothy O'Day	Certified
2SSO10151	Active	656073 Timothy O'Day	Certified
2SSO10151	Active	706495 Tim O'day	Certified
2SSO10151	Active	709027 Timothy O'Day	Certified
2SSO10151	Active	710625 Tony Rubio	Certified
2SSO10151	Active	710628 Timothy O'Day	Certified
2SSO10151	Active	711185 Tony Rubio	Certified
2SSO10151	Active	712665 Tony Rubio	Certified
2SSO10151	Active	712666 Tony Rubio	Certified
2SSO10151	Active	712667 Timothy O'Day	Certified
2SSO10151	Active	712829 Tony Rubio	Certified
2SSO10151	Active	714352 Tony Rubio	Certified
2SSO10151	Active	714807 Tony Rubio	Certified
2SSO10151	Active	714837 Tony Rubio	Certified
2SSO10151	Active	714839 Tony Rubio	Certified
2SSO10151	Active	715048 Tony Rubio	Certified
2SSO10151	Active	716212 Tony Rubio	Certified
2SSO10151	Active	716215 Tony Rubio	Certified
2SSO10151	Active	716233 Tony Rubio	Certified
2SSO10151	Active	717588 Tim O'Day	Certified
2SSO10151	Active	722956 Tim O'Day	Certified
2SSO10151	Active	722958 Tim O'Day	Certified
2SSO10151	Active	722959 Tony Rubio	Certified
2SSO10151	Active	729374 Tim O'Day	Certified
2SSO10151	Active	730619 Tony Rubio	Certified
2SSO10151	Active	730689 Tim O'Day	Certified
2SSO10151	Active	731011 Tony Rubio	Certified
2SSO10151	Active	735936 Tim O'Day	Certified
2SSO10151	Active	736919 Tony Rubio	Certified
2SSO10151	Active	736920 Tim O'Day	Certified
2SSO10151	Active	738323 Tim O'Day	Certified
2SSO10151	Active	738324 Tim O'Day	Certified
2SSO10151	Active	738329 Tim O'day	Certified
2SSO10151	Active	738333 Tony Rubio	Certified
2SSO10151	Active	739357 Tony Rubio	Certified
2SSO10151	Active	740227 Tony Rubio	Certified
2SSO10151	Active	741183 Timothy O'Day	Certified
2SSO10151	Active	741204 Tim O'Day	Certified
2SSO10151	Active	741951 Timothy O'Day	Certified

Associate Engineer
Associate Engineer
Associate Engineer
Associate Engineer
Associate Engineer
Associate Engineer
Senior Engineer
Senior Engineer
Senior Engineer
Senior Engineer
Senior Engineer
Senior Engineer
Public Works Director
Public Works Director

Senior Operator
Senior Operator/Lab. Director
Senior Operator / Lab. Director
Operator
Senior Operator
Wastewater Facilities Manager
Senior Operator
Wastewater Facilities Manager
WFM
Wastewater Facilities Manager
Senior Operator
WFM
WFM
WFM
Wastewater Facilities Manager
Wastewater Facilities manager
WFM
Wastewater Facilities Manager
WFM
Wastewater Facilities manager
Senior Operator
Senior operator
Operator
Wastewater Facilities Manager
Senior Operator
WFM
Senior Operator
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Senior Operator
WFM
Operator
Operator
Operator
Operator
WFM
WFM
Wastewater Facilities manager
Senior Operator
Senior Operator
Operator

2:30pm	502336
11:04am	808108
11:12am	185633
11:27am	597322
12:04pm	588078
4:34pm	924619
Los Altos Hills	700570
Los Altos Hills	502329
Los Altos Hills	586659
Los Altos Hills	540539
Los Altos Hills	555196
Los Altos Hills	251490
Los Altos Hills	821720
Los Altos Hills	588640
Tiburon SD5	907674
	8/7/2007 584966
	8/20/2007 798536
2001 Paradise drive	948671
	12/12/2007 912741
2001 Paradise Drive	966076
2001 Paradise Drive	748371
2001 Paradise Drive	997808
2001 Paradise Drive	691769
2001 Paradise Drive	822444
2001 paradise Drive	209185
2001 Paradise Drive	499749
2001 Paradise Drive	243941
2001 Paradise Drive	183347
2001 Paradise Drive	358784
2001 Paradise Drive	100500
2001 Paradise Drive	716890
2001 Paradise drive	752619
2001 Paradise Drive	103185
2001 Paradise drive	761196
2001 Paradise Drive	351604
2001 Paradise Drive	582061
2001 Paradise Drive	620753
2001 Paradise Drive	186449
2001 Paradise Drive	786548
2001 Paradise Drive	161346
2001 Paradise Drive	460147
2001 Paradise Drive	153171
2001 Paradise Drive	213715
2001 Paradise Drive	973237
2001 Paradise Drive	650752
2001 Paradise Drive	637064
2001 Paradise drive	511520
2001 Paradise Drive	798233
2001 Paradise Drive	546859
2001 Paradise Drive	615160
2001 Paradise Drive	179083
2001 Paradise Drive	522381
2001 Paradise Drive	964103
2001 Paradise Drive	417110

2-Nov-12	11/2/2012	2-Nov-12	11/2/2012
28-Nov-12	11/28/2012	28-Nov-12	11/28/2012
5-Dec-12	12/5/2012	6-Dec-12	12/6/2012
28-Jan-13	1/28/2013	28-Jan-13	1/28/2013
30-Jan-13	1/30/2013	30-Jan-13	1/30/2013
24-Apr-13	4/24/2013	29-Apr-13	4/29/2013
31-May-13	5/31/2013	25-Jun-13	7/23/2013
26-Jun-13	7/9/2013	9-Jul-13	7/23/2013
10-Jul-13	7/10/2013	23-Jul-13	7/23/2013
30-Aug-13	8/30/2013	17-Sep-13	9/17/2013
30-Aug-13	8/30/2013	17-Sep-13	9/17/2013
17-Sep-13	9/17/2013	18-Sep-13	9/18/2013
18-Nov-13	11/20/2013	20-Nov-13	11/20/2013
25-Nov-13	11/25/2013	25-Nov-13	11/25/2013
25-Nov-13			
15-May-07		15-May-07	5/16/2007
7-Aug-07		7-Aug-07	8/7/2007
20-Aug-07		20-Aug-07	8/20/2007
25-Oct-07		2-Dec-10	12/2/2010
12-Dec-07		12-Dec-07	12/12/2007
2-Jan-08		2-Jan-08	2/3/2011
2-Jan-08		2-Jan-08	1/2/2008
14-Jan-08		14-Jan-08	2/3/2011
10-Feb-08		10-Feb-08	2/3/2011
10-Feb-08		10-Feb-08	2/3/2011
10-Feb-08		10-Feb-08	2/10/2008
14-Feb-08		14-Feb-08	2/3/2011
2-Mar-08		2-Mar-08	2/3/2011
12-Mar-08		12-Mar-08	2/3/2011
13-Mar-08		13-Mar-08	2/3/2011
13-Mar-08		13-Mar-08	2/3/2011
19-Mar-08		19-Mar-08	2/3/2011
16-Apr-08		16-Apr-08	2/3/2011
16-Apr-08		16-Apr-08	2/3/2011
17-Apr-08		17-Apr-08	2/3/2011
19-May-08		19-May-08	5/19/2008
21-Jul-08		2-Dec-10	12/2/2010
21-Jul-08		2-Dec-10	12/2/2010
21-Jul-08		21-Jul-08	2/3/2011
18-Nov-08		18-Nov-08	11/18/2008
16-Dec-08		16-Dec-08	2/3/2011
18-Dec-08		18-Dec-08	12/18/2008
23-Dec-08		23-Dec-08	2/3/2011
5-Apr-09		5-Apr-09	4/5/2009
28-Apr-09		28-Apr-09	4/28/2009
28-Apr-09		2-Dec-10	12/2/2010
1-Jun-09		2-Dec-10	12/2/2010
1-Jun-09		2-Dec-10	12/2/2010
1-Jun-09		2-Dec-10	12/2/2010
1-Jun-09		1-Jun-09	6/1/2009
16-Jun-09		16-Jun-09	6/16/2009
29-Jun-09		29-Jun-09	2/3/2011
15-Jul-09		15-Jul-09	7/15/2009
15-Jul-09		15-Jul-09	7/15/2009
28-Jul-09		28-Jul-09	7/28/2009

Category 1		210	0
Category 2		1740	0
Category 1		1600	0
Category 3		10	0
Category 3		288	0
Category 1		140	0
Category 1		40	0
Category 3		82	0
Category 3		13	0
Category 3	370	370	0
Category 3	576	576	0
Category 3	3	3	0
Category 3	1	1	0
Category 3	4	4	0
Category 3	299	299	0
Category 3		350	0
Category 3		200	0
Category 3		60	0
Category 3		375	0
Category 3		520	0
Category 3		50	50
Category 3		320	
Category 3		420	0
Category 3		350	0
Category 3		750	0
Category 2		1800	0
Category 3		713	0
Category 1		100	0
Category 1		150	0
Category 3		200	200
Category 3		90	0
Category 1		100	0
Category 3		50	0
Category 3		630	0
Category 3		150	150
Category 3		180	0
Category 3		70	0
Category 3		70	0
Category 3		70	0
Category 3		50	50
Category 1		100	0
Category 3		50	0
Category 3		60	0
Category 3		750	0
Category 3		40	0
Category 3		40	0
Category 3		120	0
Category 3		120	0
Category 3		120	0
Category 3		120	0
Category 3		100	0
Category 1		3090	0
Category 3		100	0
Category 3		100	0
Category 3		660	0

200 No	No
0 No	No
1600 Yes	Yes
0 No	No
0 No	No
140 No	Yes
40 No	Yes
0 No	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
No	No
0 No	No
0 No	No
No	No
No	No
0 No	No
No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
100 Yes	No
150 Yes	Yes
0 No	No
0 No	No
100 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
100 Yes	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
3090 Yes	Yes
0 No	No
0 No	No
0 No	No

[illegible]

Dawson Easement
Fremont Pine Lane
Altamont Road
Arastradero Road Easement
MH #433
Altamont Road
Elena Road and Vinedo Lane
Priscilla Lane near Stonebrook Drive
26327 Esperanza Drive at sewer easement
26485 St. Francis Road at a private cleanout
26344 Esperanza Drive
11676 Dawson Drive
26335 Esperanza
12000 Greenhills Ct.
11951 Hilltop Drive
2129 Paradise Drive
327 San Rafael Avenue
Manhole # 85
101 Acacia Avenue
Manhole # 194
233 Round Hill
Pagota Lane
101 Kleinart way
211 Round Hill, manhole # 251
233 Round Hill, manhole # 253
280 Round Hill, manhole # 259
10 Tara View, manhole # 242A
84 Lagoon Road
Manhole 71
Manhole # 320
Manhole # RA1
Manhole # 351
144 Bella Vista
Manhole # 90
Cleanout in backyard, 213 Golden Gate
Cleanout # 242A
Manhole # FA15
Manhole # FA15
Manhole # FA15
90 Lyford Drive
Manhole # 81
Manhole # 605
Clean out close to Manhole # 78
Manhole # 259A
Manhole # FB8
Manhole # FB8
Manhole 330
Manhole 330
Manhole 330
Manhole 330
Manhole # 246
Manhole # 246
Manhole 324
Manhole FA13
Manhole 252

37.35201	-122.11417 Santa Clara
37.38213	-122.13108 Santa Clara
37.35768	-122.13431 Santa Clara
37.39262	-122.14547 Santa Clara
37.38775	-122.14344 Santa Clara
37.35793	-122.14205 Santa Clara
37.36077	-122.13679 Santa Clara
37.35796	-122.12255 Santa Clara
37.38037	-122.14172 Santa Clara
37.38566	-122.14073 Santa Clara
37.38233	-122.14064 Santa Clara
37.3529	-122.11579 Santa Clara
37.38166	-122.14173 Santa Clara
37.358397	-122.135997 Santa Clara
37.355917	-122.11235 Santa Clara
37.874722	122.449167 Marin
37.875306	122.468767 Marin
37.880175	122.456733 Marin
37.874	122.464008 Marin
37.923333	122.619444 Marin
37.88817	-122.46737 Marin
37.955556	122.679167 Marin
37.88195	-122.46545 Marin
37.88764	-122.46754 Marin
37.88817	-122.46737 Marin
37.984722	122.494444 Marin
37.88564	-122.46368 Marin
37.87778	-122.46373 Marin
37.87681	-122.45401 Marin
37.88353	-122.46939 Marin
37.87089	-122.46392 Marin
37.87464	-122.45968 Marin
37.87032	-122.46462 Marin
37.87894	-122.45286 Marin
37.86884	-122.4653 Marin
37.883369	122.450233 Marin
37.866758	122.46671 Marin
37.866758	122.46671 Marin
37.86822	-122.4652 Marin
37.88274	122.46023 Marin
37.87901	-122.45042 Marin
37.893889	122.522222 Marin
37.87685	-122.45213 Marin
37.883435	-122.466694 Marin
37.868	-122.463 Marin
37.868	-122.463 Marin
37.883	-122.47 Marin
37.883	-122.47 Marin
37.883	-122.47 Marin
37.883	-122.47 Marin
37.886	-122.466 Marin
37.886	-122.466 Marin
37.884	-122.468 Marin
37.87	-122.468 Marin
37.888	-122.467 Marin

[illegible]

Private cleanout overflowing

Manhole overflow on paved street. No overflow upon arrival of Town's maintenance contractor

manhole located on a paved street

manhole in easement

Overflowing manhole was located in a utility & pathway easement behind Pinewood School. Town checked the area and manhole on paved street, at intersection of Altamont and Corbetta. Based on State Board staff's general explanation, To manhole located on a paved street

Overflow occurred from a MH on Priscilla Lane near Stonebrook Drive. The MH was for a force main system and approxi

Spill occurred from a manhole - EMH1052 (E346) on a sewer easement on private property at 26327 Esperanza Drive.

Blockage on the mainline 25' upstream from MH3 EMH1085. Spill happened through a private cleanout at 26485 St. Fra

At a easement area in the rear yard of 26344 Esperanza Drive.

Between manholes #33 and #50

Small manhole (# GA1A), located in the back garden of residence. Easement runs along the property line.

Manhole # 85 close to 1725 Vistazo West

Manhole # ND15

Manhole # 194

Rod hole # 797A

Rod hole connected to manhole # NC2

Manhole # 312

Manhole # 251

Manhole # 253

Manhole # 259

Manhole # 242A located on hillside in vacant lot.

Cleanout on patio

Manhole 71 overflowed, spill ran down grassy bank, entered storm drain.

Manhole #320

Bolted down manhole # RA1

manhole # 351

Manhole RA2

Cleanout close to manhole # 90

Cleanout in private garden

Sewer 'cleanout' (# 242A)

Overflowing manhole

Overflowing manhole

Overflowing manhole

Slowly and intermittently overflowing manhole. Spill was recovered and returned to collection system, area cleaned and se

Overflowing manhole # 81

Manhole # 605

Cleanout close to manhole # 78

Manhole #259A

Manhole FB8

Manhole FB8

Manhole #330

Manhole #330

Manhole 330

Manhole 330

Manhole # 246

Manhole #246 located on Roundhill Road

Manhole overflowing

it was not overflowing at the time of inv
wn does not believe this is a category 1

mately 3' in depth.

1
1
1
1
1
1

anitized.

Force main or pressure sewer;Other sewer system structure
Manhole
Manhole
Other sewer system structure
Manhole
Manhole
Manhole
Manhole
Manhole
Lateral Clean Out (Private)
Manhole
Lateral Clean Out (Private)
Lateral Clean Out (Private)
Lateral Clean Out (Private)
Manhole
Other (specify)
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Other (specify)
Manhole
Manhole
Manhole
Pump station
Manhole
Other sewer system structure
Other sewer system structure
Other sewer system structure
Manhole
Manhole
Manhole
Manhole
Manhole
Pump station
Other sewer system structure
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Other (specify)
Manhole

Private cleanout
overflow from manhole
sewage and heavy rain water coming out from a sewer mainhole
Lamphole

Private cleanout
from Manhole EMH1042
private cleanout at 11676 Dawson Drive
N/A
N/A
N/A
Blocked sewer main leaked via damaged private lateral.

Sewer cleanout located on private residence

Small spill from manhole
Cleanout close to manhole # 90.

Broken sewer line on hillside

Other (specify below)
Unpaved surface
Surface water;Unpaved surface
Unpaved surface
Unpaved surface
Other (specify below)
Other (specify below)
Separate storm drain
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Paved Surface;Unpaved surface
Unpaved surface
Other paved surface;Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Street/curb and gutter
Unpaved surface
Other (specify below)
Unpaved surface
Unpaved surface
Unpaved surface
Other paved surface
Other (specify below)
Separate storm drain
Street/curb and gutter
Street/curb and gutter
Separate storm drain
Other paved surface
Unpaved surface
Other (specify below)
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Other (specify below)
Surface water;Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Separate storm drain
Unpaved surface
Unpaved surface
Unpaved surface

dirt area on private property.

final spill destination at a dry ditch and sewage seeped into soil

the heavy rain caused the rainwater to flow into sewer system and overloaded the sewer system. The overflow spill went seep into soil around lamphole. See pictures

seeped into soil/dirt area

Based on State Board's previous clarifications and interpretations, Town does not believe this is a category 1 spill. Spill r catch basin was dammed with sand bags which diverted some of the spill to vegetative land cover on Elena Road; outfall Town's SS contractor noticed no SSO discharge at the end of the storm drain system which outlets a dry ditch.

Seeped into soil around the MH. The soil around was approximately 25% saturated when the crew showed up.

Spill soaked into area surrounding spill site.

Soaked into garden surrounding manhole.

Soaked into ground.

Spill (almost entirely contents of a swimming pool being emptied) absorbed into hillside.

hillside

Spill ran down private driveway and soaked into garden area

Slow flowing (2.5 gpm) but long lasting (4.75 hrs) soaked into ground of vacant lot on hillside.

Spill may have entered private drainage ditch that flows to Belvedere Lagoon. However, there was no evidence (toilet pa

Spill entered storm drain that feeds to Racoon Straits

Small spill from manhole, bubbling slowly, spill soaked into ground around manhole, 50 gallons maximum.

Spill soaked into grass hillside next to 'cleanout'.

Spill was returned to collection system

Spill soaked into hillside surrounding cleanout.

Returned to collection system

SSO from overflowing manhole for approx 90 mins at 5gpm. Spill soaked into hillside for 70 mins then entered stream for

Soaked into hillside

Soaked into hillside

Hillside

Spill soaked into hillside surrounding broken pipe.

10/20/2012 0:00	10/20/2012 11:26	10/20/2012 11:55	10/20/2012 12:45
11/10/2012 14:42	11/10/2012 17:17	11/10/2012 20:30	11/10/2012 20:30
12/2/2012 9:56	12/2/2012 10:04	12/2/2012 10:50	12/2/2012 11:00
1/4/2013 13:43	1/4/2013 13:48	1/4/2013 15:20	1/4/2013 15:15
1/23/2013 7:55	1/23/2013 7:55	1/23/2013 8:35	1/23/2013 8:25
3/26/2013 11:43	3/26/2013 11:48	3/26/2013 12:05	3/26/2013 12:23
4/28/2013 9:55	4/28/2013 10:30	4/28/2013 11:01	4/28/2013 12:20
6/25/2013 13:35	6/26/2013 14:10	6/26/2013 13:45	6/26/2013 14:00
7/5/2013 8:30	7/5/2013 8:45	7/5/2013 9:25	7/5/2013 9:45
8/23/2013 20:00	8/23/2013 20:30	8/23/2013 21:00	8/23/2013 21:30
8/23/2013 8:30	8/28/2013 9:00	8/28/2013 12:15	8/28/2013 12:45
8/31/2013 21:00	8/31/2013 21:47	9/1/2013 13:00	9/1/2013 13:00
11/2/2013 15:35	11/2/2013 15:40	11/2/2013 16:55	11/2/2013 16:50
11/7/2013 10:15	11/7/2013 10:20	11/7/2013 12:00	11/7/2013 11:55
11/15/2013 8:24	11/15/2013 8:29	11/15/2013 9:50	11/15/2013 0:00
5/9/2007 10:00	5/9/2007 10:00	5/9/2007 10:02	5/9/2007 11:10
8/6/2007 20:00	8/6/2007 20:15	8/6/2007 21:30	8/6/2007 21:30
8/15/2007 13:00	8/15/2007 13:45	8/15/2007 14:02	8/15/2007 15:00
10/18/2007 10:15	10/18/2007 10:15	10/18/2007 10:15	10/18/2007 11:30
12/11/2007 12:40	12/11/2007 12:49	12/11/2007 13:00	12/11/2007 13:06
12/29/2007 10:00	12/29/2007 10:40	12/29/2007 11:15	12/29/2007 11:45
12/29/2007 12:30	12/29/2007 14:00	12/29/2007 14:30	12/29/2007 15:10
1/10/2008 14:30	1/10/2008 14:30	1/10/2008 14:40	1/10/2008 16:15
2/5/2008 14:30	2/5/2008 14:30	2/5/2008 15:00	2/5/2008 17:30
2/6/2008 13:30	2/6/2008 13:30	2/6/2008 13:30	2/6/2008 16:00
2/7/2008 14:30	2/7/2008 14:30	2/7/2008 14:35	2/7/2008 15:00
2/12/2008 13:45	2/12/2008 13:45	2/12/2008 14:00	2/12/2008 18:30
3/2/2008 9:00	3/2/2008 10:30	3/2/2008 10:45	3/2/2008 9:00
3/12/2008 10:30	3/12/2008 10:30	3/12/2008 10:40	3/12/2008 10:50
3/7/2008 15:40	3/7/2008 15:40	3/7/2008 13:55	3/7/2008 13:55
3/11/2008 8:51	3/11/2008 8:51	3/11/2008 9:00	3/11/2008 9:20
3/18/2008 11:25	3/18/2008 11:25	3/18/2008 11:30	3/18/2008 11:45
4/15/2008 8:00	4/15/2008 8:21	4/15/2008 8:30	4/15/2008 9:00
4/15/2008 16:00	4/15/2008 16:30	4/15/2008 17:00	4/15/2008 19:30
4/16/2008 14:30	4/16/2008 14:45	4/16/2008 15:00	4/16/2008 15:00
5/15/2008 14:30	5/15/2008 14:30	5/15/2008 14:45	5/15/2008 20:30
7/16/2008 15:45	7/16/2008 15:45	7/16/2008 15:55	7/16/2008 16:20
7/16/2008 15:45	7/16/2008 15:45	7/16/2008 15:55	7/16/2008 16:20
7/16/2008 15:45	7/16/2008 15:45	7/16/2008 15:55	7/16/2008 16:20
11/14/2008 10:00	11/14/2008 10:00	11/14/2008 10:15	11/14/2008 10:20
12/15/2008 10:00	12/15/2008 10:20	12/15/2008 10:20	12/15/2008 11:30
12/17/2008 17:30	12/17/2008 17:30	12/17/2008 19:00	12/17/2008 19:30
12/20/2008 13:00	12/20/2008 13:25	12/20/2008 13:35	12/20/2008 15:00
4/2/2009 12:00	4/2/2009 12:00	4/2/2009 12:15	4/2/2009 14:33
4/27/2009 10:05	4/27/2009 10:05	4/27/2009 10:25	4/27/2009 11:20
4/27/2009 10:05	4/27/2009 10:05	4/27/2009 10:25	4/27/2009 11:20
5/29/2009 10:30	5/29/2009 10:30	5/29/2009 10:40	5/29/2009 12:30
5/29/2009 10:30	5/29/2009 10:30	5/29/2009 10:40	5/29/2009 12:30
5/29/2009 10:30	5/29/2009 10:30	5/29/2009 10:40	5/29/2009 12:36
5/29/2009 10:30	5/29/2009 10:30	5/29/2009 10:40	5/29/2009 12:36
6/15/2009 13:50	6/15/2009 13:50	6/15/2009 13:56	6/15/2009 14:10
6/27/2009 8:00	6/27/2009 10:00	6/27/2009 10:07	6/27/2009 11:26
7/14/2009 8:00	7/14/2009 8:26	7/14/2009 8:36	7/14/2009 9:30
7/14/2009 9:00	7/14/2009 10:03	7/14/2009 10:16	7/14/2009 10:33
7/27/2009 9:00	7/27/2009 9:00	7/27/2009 9:06	7/27/2009 10:08

After video inspection of the line, there are several joints with root intrusion.

Heavy rain entered into sanitary sewer system and overloaded 6" sewer mainline. The spill is likely to consist large volume. After video investigation, the spill was due to root and grade misalignment of certain sections.

In addition to roots, the video inspection also showed some cracked joints and minor misalignment of pipe.

Root blockage at about 69' from overflowing manhole

Approximately 122.5 feet d of the manhole, roots were in the joint and broken pipe section

Root obstruction at 25' upstream from EMH#1085

Heavy root blockage

obstruction caused by debris in a severe offset joint in the main pipe

Spill may be due to water mainline break. No overflow in progress when crew arrived on site.

Roots. Intermittent spill, indicating partial blockage and spill during high flow period.

Resident emptied swimming pool into sewer collection system

Root intrusion and a cleaning cloth found to be the source of the blockage

Local Water Agency was 'flushing' the city water lines and draining into sewer collection system. This caused the system to overflow.

Partial blockage in main sewer line connecting manhole M1 and Pump station 9. Not sure what caused the blockage.

Roots causing intermittent blockage.

Roots, grease, aluminum can

Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Gravity Mainline
Gravity Mainline
Gravity Mainline
Gravity Mainline

Main

Main
Main
Main
to overflow via manhole 259
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main

Main
Main
Main

Main

Main
Main

Main

Manhole full due to root blockage and affected cleanout in private property
heavy roots with broken pipe

obstructing roots near 120' from MH #E426

60' upstream from MH #L338 on Stonebrook Drive

Used hand roder to break up heavy roots 15' downstream from EMH1052, flow went down, removed heavy roots from manhole
25' upstream from EMH#1085

Main pipe between Manhole EMH#1042 and #1040

anholes EMH1052 (E346) ar

No

No

No

No

No

No

6 VCP

6 VCP

6 VCP

6 VCP

8 VCP

6 VCP&PVC

6 VCP

6 VCP

6 VCP

6 VCP

6 VCP

6 clay

6

Town contractor jet flushed and rodded main to break stoppage by heavy roots.

Jet flushed 115' and broke up obstruction of roots. Roots were noticed in the manhole. Root blockage was at 114'

Town's contractor responded to the event and jetted from the downstream manhole of overflowed manhole. They could not

Used hand roder to break up heavy roots 15' downstream from EMH1052, flow went down, removed heavy roots from manhole

Spill formed a 'puddle', approx volume 200 gallons which was vacuumed up and returned to collection system. Area then disinfected.
Small spill 'bubbling' out of secured manhole. Soaked into leaves and debris, which were later removed. Area disinfected

Overflowing 'cleanout' in private garden flowed into small private pond. After the flow was controlled (roots removed from

11/10/2012 21:00
12/2/2012 11:00

3/26/2013 12:23

2/7/2008 15:00

3/2/2008 13:00
3/12/2008 11:30

3/18/2008 11:45

12/15/2008 12:00

6/27/2009 11:26

Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer;Other (specify below)

Adjusted schedule/method of preventive maintenance

Other (specify below)

Added sewer to preventive maintenance program
Added sewer to preventive maintenance program

Added sewer to preventive maintenance program

Added sewer to preventive maintenance program

Added sewer to preventive maintenance program

Town will investigate the capacity of pipe and I&I issue of the system then prepare remedial plans to address the issues

Stop outside agencies draining to the collection system

No
No

No

No

No
No

No

Yes

No

None

No apparent impact since the sewage is very diluted due to the heavy rain

Based on State Board's previous clarifications and interpretations, Town does not believe this is a category 1 spill. Spill v

The contractor inspected and took pictures of the dry ditch the storm drain system drained to and it was completely dry.

N/A

N/A

No signs of toilet paper etc on stones/rocks where drainage ditch reaches the Lagoon.

Followed storm drain to receiving water, located close to 'Elephant Rock,' Tiburon. Difficult public access, climbed down a

No sign of sewage where storm drain reaches receiving water. Very difficult public access, had to climb down rocks to collect

No
No

No

No

No
No

No

No

No

N/A
None

N/A

NA

n/a
n/a

N/A

NA

NA

None
N/A
Adobe Creek
None
None
N/A
none
None
N/A

NA

Belvedere lagoon
Raccoon Straits, San Francisco Bay

Raccoon Straits

Raccoon Straits, San Francisco Bay

Raccoon Straits, San Francisco Bay

Not applicable to this spill
No water quality samples taken;Other (specify below)

Not applicable to this spill

No water quality samples taken

Biological indicator(s) - specify below
Biological indicator(s) - specify below

Biological indicator(s) - specify below

Biological indicator(s) - specify below

Biological indicator(s) - specify below

Very diluted sewage because of the heavy rain.

Coliform samples taken

Coliform (total, fecal and enterococcus) and ammonia samples collected.

Ammonia, coliform (total, fecal ,enterococcus)

Coliform, enterococcus, ammonia

Coliform, enterococcus, ammonia

Not applicable to this spill
No water quality samples taken

None of the above

None of the above

None of the above
Regional Water Quality Control Board

None of the above

None of the above

County Health Agency

results not yet available
Results not available yet.

Results not yet available

Results not available .

Steve Rosso, Environmental Health Specialist (County of Marin) requested copies of results from testing. results not yet a

available.

127436	12/5/2012 15:10
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133906	6/26/2013 15:35
--------	-----------------

81753	3/2/2008 13:30
81999	3/12/2008 12:05

82142	3/18/2008 12:15
-------	-----------------

88920	12/15/2008 12:10
-------	------------------

94637	6/27/2009 12:38
-------	-----------------

Woojae Kim	6509472511
Woojae Kim	6509472511
Woojae Kim	6509472511
Richard Chiu, Public Works Director	6509472516
Richard Chiu, Public Works Director	6509417222
Richard Chiu, Public Works Director	6509417222

2SSO10151	Active	742031 Tony Rubio	Certified
2SSO10151	Active	743028 Tony Rubio	Certified
2SSO10151	Active	743783 Tim O'Day	Certified
2SSO10151	Active	746388 Tony Rubio	Certified
2SSO10151	Active	748269 Tim O'Day	Certified
2SSO10151	Active	748413 Timothy O'Day	Certified
2SSO10151	Active	749271 Timothy O'Day	Certified
2SSO10151	Active	749465 Tony Rubio	Certified
2SSO10151	Active	749623 Tim O'Day	Certified
2SSO10151	Active	749631 Tim O'Day	Certified
2SSO10151	Active	749756 Tony Rubio	Certified
2SSO10151	Active	750331 Tony Rubio	Certified
2SSO10151	Active	751482 Tony Rubio	Certified
2SSO10151	Active	757930 Tony Rubio	Certified
2SSO10151	Active	758192 Tony Rubio	Certified
2SSO10151	Active	759664 Tony Rubio	Certified
2SSO10151	Active	765365 Tony Rubio	Certified
2SSO10151	Active	765543 Tony Rubio	Certified
2SSO10151	Active	765586 Tony Rubio	Certified
2SSO10151	Active	766297 Tony Rubio	Certified
2SSO10151	Active	766662 Tony Rubio	Certified
2SSO10151	Active	767999 Tim O'Day	Certified
2SSO10151	Active	768000 Tim D	Certified
2SSO10151	Active	768001 Tony Rubio	Certified
2SSO10151	Active	773013 Tony Rubio	Certified
2SSO10151	Active	773014 Timothy O'Day	Certified
2SSO10151	Active	773289 Tony Rubio	Certified
2SSO10151	Active	778595 Tony Rubio	Certified
2SSO10151	Active	780269 Tony Rubio	Certified
2SSO10151	Active	787926 Dan LaTorre	Certified
2SSO10151	Active	788536 Tony Rubio	Certified
2SSO10151	Active	788865 Tony Rubio	Certified
2SSO10151	Active	788866 Tony Rubio	Certified
2SSO10151	Active	789496 Tony Rubio	Certified
2SSO10151	Active	791053 Tony Rubio	Certified
2SSO10151	Active	791056 Tony Rubio	Certified
2SSO10151	Active	791058 Tony Rubio	Certified
2SSO10151	Active	791059 Tony Rubio	Certified
2SSO10151	Active	791746 Tony Rubio	Certified
2SSO10151	Active	791747 Tony Rubio	Certified
2SSO10151	Active	792710 Tony Rubio	Certified
2SSO10151	Active	796468 Tony Rubio	Certified
2SSO10151	Active	796473 Tony Rubio	Certified
2SSO10151	Active	797986 Tim ODay	Certified
2SSO10151	Active	798005 Tony Rubio	Certified
2SSO10151	Active	799347 Tony Rubio	Certified
2SSO10151	Active	799348 Tony Rubio	Certified
2SSO10154	Active	650446 Jill Barnes	Certified
2SSO10154	Active	651214 Jill Barnes	Certified
2SSO10154	Active	651215 Jill Barnes	Certified
2SSO10154	Active	651471 Jill Barnes	Certified
2SSO10154	Active	651600 Jill Barnes	Certified
2SSO10154	Active	651602 Jill Barnes	Certified
2SSO10154	Active	652594 Jill Barnes	Certified
2SSO10154	Active	652671 Jill Barnes	Certified

Wastewater Facilities Manager
Wastewater facilities manager
Senior Operator
Wastewater Facilities Manager
Senior Operator
Senior Operator
Snr Operator
WFM
Senior Operator
Senior Operator
Wastewater Facilities Manager
Wastewater Facilities Manager
Wastewater Facilities Manager
Wastewater facilities manager
Manager
WFM
WFM
WFM
WFM
WFM
WFM
Operator
Operator
WFM
WFM
Operator
Wastewater Facilities Manager
Manager
Wastewater Facilities Manager
Maintenance
WFM
Wastewater Facilities Manager
Wastewater Facilities Manager
Wastewater Facilities Manager
Wastewater Facilities Manager
Wastewater Facilities Manager
Wastewater Facilities Manager
Wastewater Facilities Manager
Wastewater Facilities Manager
Wastewater Facilities Manager
WFM
WFM
WFM
Operator
WFM
WFM
WFM
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer

	1158	727295
2001 Paradise Drive		169293
2001 Paradise Drive		563700
	12:21	467818
2001 Paradise Drive		655539
2001 Paradise Drive		665023
2001 Paradise drive		220094
2001 Paradise Drive		520457
2001 Paradise Drive		932288
2001 Paradise Drive		609400
2001 Paradise Drive		868651
2001 Paradise Drive		316972
2001 Paradise Drive		702535
10:28am		275201
2001 Paradise Drive		602163
2001 Paradise Drive		807948
2001 Paradise Drive		165295
2001 Paradise Drive		127722
2001 Paradise Drive		659471
2001 P Drive		765030
2001 paradise Drive		938195
2001 Paradise drive		655038
2001 Paradise Drive		589005
2001 Paradise Drive		941369
2001 Paradise Drive		326496
2001 Paradise Drive		232832
	1813	990319
2001 Paradise drive		642009
	1119	624159
2001 Paradise drive		786846
2001 Paradise Drive		980955
	951	126471
	941	589723
	2026	500336
	840	910965
	851	537888
	903	647691
	915	334413
	1516	737749
	2254	249500
2001 Paradise Drive		226173
2001 Paradise Drive		705477
2001 Paradise drive		192856
2001 Paradise Drive		674627
2001 Paradise Drive		204662
2001 Paradise Drive		904570
2001 Paradise Drive		614656
Mill Valley		277455
Mill Valley		866682
Mill Valley		375326
Mill Valley		344695
Mill Valley		483966
Mill Valley		492906
Mill Valley		844540
Mill Valley, CA		275802

29-Jul-09		29-Jul-09	7/29/2009
13-Aug-09		13-Aug-09	2/3/2011
26-Aug-09		26-Aug-09	8/26/2009
30-Oct-09		30-Oct-09	10/30/2009
11-Jan-10		11-Jan-10	1/11/2010
19-Jan-10		19-Jan-10	1/19/2010
10-Feb-10		10-Feb-10	2/10/2010
18-Feb-10		18-Feb-10	2/3/2011
22-Feb-10		22-Feb-10	2/22/2010
22-Feb-10		22-Feb-10	2/22/2010
24-Feb-10		24-Feb-10	2/24/2010
9-Mar-10		9-Mar-10	3/9/2010
12-Apr-10		12-Apr-10	4/12/2010
19-Oct-10	10/19/2010	19-Oct-10	10/19/2010
28-Oct-10	10/28/2010	28-Oct-10	10/28/2010
21-Dec-10	12/21/2010	21-Dec-10	12/21/2010
12-Apr-11	4/12/2011	12-Apr-11	4/12/2011
14-Apr-11	4/14/2011	14-Apr-11	4/14/2011
18-Apr-11	4/18/2011	18-Apr-11	4/18/2011
10-May-11	5/10/2011	10-May-11	5/10/2011
19-May-11	5/19/2011	19-May-11	5/19/2011
30-Jun-11	6/30/2011	1-Dec-11	12/1/2011
30-Jun-11	6/30/2011	1-Dec-11	12/1/2011
30-Jun-11	6/30/2011	30-Jun-11	6/30/2011
13-Nov-11	11/13/2011	21-Dec-11	12/21/2011
13-Nov-11	11/13/2011	13-Nov-11	11/13/2011
20-Nov-11	11/20/2011	20-Nov-11	11/20/2011
13-Mar-12	3/13/2012	13-Mar-12	3/13/2012
18-Apr-12	4/18/2012	18-Apr-12	4/18/2012
7-Nov-12	11/7/2012	7-Nov-12	11/7/2012
28-Nov-12	11/28/2012	28-Nov-12	11/28/2012
7-Dec-12	12/7/2012	7-Dec-12	12/7/2012
7-Dec-12	12/7/2012	7-Dec-12	12/7/2012
27-Dec-12	12/27/2012	27-Dec-12	12/27/2012
1-Feb-13	2/1/2013	1-Feb-13	2/1/2013
1-Feb-13	2/1/2013	1-Feb-13	2/1/2013
1-Feb-13	2/1/2013	1-Feb-13	2/1/2013
1-Feb-13	2/1/2013	1-Feb-13	2/1/2013
15-Feb-13	2/15/2013	15-Feb-13	2/15/2013
15-Feb-13	2/15/2013	15-Feb-13	2/15/2013
18-Mar-13	3/18/2013	18-Mar-13	3/18/2013
3-Jul-13	7/3/2013	3-Jul-13	7/3/2013
3-Jul-13	7/3/2013	3-Jul-13	7/3/2013
18-Aug-13	8/18/2013	18-Aug-13	8/18/2013
19-Aug-13	8/19/2013	19-Aug-13	8/19/2013
2-Oct-13	10/2/2013	2-Oct-13	10/2/2013
2-Oct-13	10/2/2013	2-Oct-13	10/2/2013
11-May-07		7-Jun-07	6/7/2007
31-May-07		7-Jun-07	6/7/2007
31-May-07		7-Jun-07	6/7/2007
7-Jun-07		7-Jun-07	6/7/2007
11-Jun-07		11-Jun-07	6/11/2007
11-Jun-07		11-Jun-07	6/11/2007
21-Jun-07		21-Jun-07	6/21/2007
22-Jun-07		18-Jul-07	7/18/2007

Category 3		108	10
Category 1		75	30
Category 3		70	0
Category 1		75	10
Category 3		100	0
Category 3		190	0
Category 1		215	0
Category 1		475	0
Category 3		25	0
Category 3		180	0
Category 3		45	0
Category 3		19	0
Category 3		50	0
Category 3		150	0
Category 3		60	0
Category 3		20	0
Category 1		330	0
Category 3		180	0
Category 3		100	0
Category 3		115	0
Category 3		362	0
Category 1		125	0
Category 1		125	0
Category 1		125	0
Category 1		500	0
Category 1		500	0
Category 1		270	0
Category 3		45	0
Category 3		40	0
Category 3		20	0
Category 3		200	0
Category 3		144	0
Category 3		12	0
Category 1		10000	0
Category 3		200	0
Category 3		70	0
Category 3		7	0
Category 3		75	0
Category 1		48	10
Category 1		150	0
Category 3		60	0
Category 3		5	0
Category 1		120	100
Category 1		750	0
Category 3		25	20
Category 3	60	60	0
Category 3	30	30	0
Category 3		15	
Category 3		25	
Category 3		90	
Category 3		5	
Category 3		4	
Category 3		30	
Category 3		195	
Category 3		5	

0 No	Yes
45 No	Yes
0 No	No
65 Yes	Yes
0 No	No
0 No	No
215 Yes	Yes
450 Yes	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
330 Yes	No
0 No	No
0 No	No
0 No	No
0 No	No
125 Yes	No
125 Yes	No
125 Yes	No
500 Yes	Yes
500 Yes	Yes
250 Yes	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
5000 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	No
38 Yes	Yes
150 Yes	Yes
0 No	No
0 No	No
20 No	No
750 Yes	Yes
0 No	No
0 No	No
0 No	No
No	No
No	No
No	No
No	No
No	No
No	No
No	No

Not Applicable - Spill did not reach storm drain/pipe

1956 Centro West
31 west shore- man hole
Rodhole # 31B
82 Eastview Ave.
322 Beach Rd, Belvedere
27 Acacia Ave Belvedere
Manhole at 202 Beach Rd.
Vistazo West and Lyford Drive Mountain Side
1458 Vistazo West
Pagoda Lane, Belvedere
28 Eucalyptus
19 Acacia Ave
82 Sugarloaf Drive
39 Belvedere Ave
120 Round Hill
Phone company
Manhole 221
Manhole 224
121 bay View Ave
Round Hill and Tara Hill
9 Tara Hill
1478 Vistazo West
1478 Vistazo West
1478 Vistazo West
1681 Tiburon Blvd
1681 Tiburon Blvd
328 San Rafael Ave Belvedere CA
85 Mount Tiburon Road
Spring Lane
15 Toyon Belvedere 94920
Manhole # 135
202 Beach Road
333 Belvedere Ave
1600 Mar West
480 Ridge Rd
242 Beach Rd
145 Bayview
1800 Centro West
210 San Rafael Ave
1 Oak Ave
217 Golden Gate
4 Eucalyptus MH FA16
29 Eucalyptus
Mar West Tiburon
49 Belveder Ave. Manhole FA10
45 Bayview
100 Eastview
24 Longfellow Rd
Lovell Ave @ Elma Street
66 Molino
335 Molino Ave
18 Stanton Way
151 Monte Vista
Bernard Street @ Lovell Ave
16 Vasco Drive

37.87422	-122.450877 Marin
37.8760972	-122.473798 Marin
37.87378	-122.44971 Marin
37.87314	-122.45828 Marin
37.86532	-122.45904 Marin
37.87347	-122.46556 Marin
37.86817	-122.46236 Marin
37.88448	-122.4566 Marin
37.8824	-122.45819 Marin
37.8723	-122.46413 Marin
37.86888	-122.46661 Marin
37.87367	-122.46572 Marin
37.88708	-122.45645 Marin
37.8714	-122.46997 Marin
37.88528	-122.46367 Marin
37.88079	-122.46471 Marin
37.88588	-122.46263 Marin
37.88596	-122.46189 Marin
37.8728	-122.46604 Marin
37.88685	-122.46585 Marin
37.88735	-122.46514 Marin
37.88265	-122.45768 Marin
37.88265	-122.45768 Marin
37.88265	-122.45768 Marin
37.8748	-122.45785 Marin
37.8748	-122.45785 Marin
37.87601	-122.46824 Marin
37.88965	-122.46533 Marin
37.885991	-122.467002 Marin
37.953333	-122.703333 Marin
37.882383	-122.541717 Marin
37.868019	-122.462652 Marin
37.866107	-122.463798 Marin
37.87968086	-122.4585669 Marin
37.879388	-122.45037 Marin
37.867472	-122.462095 Marin
37.873272	-122.466297 Marin
37.877026	-122.454683 Marin
37.877987	-122.47101 Marin
37.873979	-122.467963 Marin
37.88685	-122.46585 Marin
37.87245	-122.46971 Marin
37.8715	-122.46883 Marin
37.87843	-122.45972 Marin
37.87147	-122.46958 Marin
37.87447	-122.46924 Marin
37.87364	-122.45842 Marin
37.9025	122.522222 Marin
37.906667	122.553333 Marin
37.903333	122.550556 Marin
37.9	122.543611 Marin
37.913333	122.525556 Marin
37.906944	122.561944 Marin
37.906944	122.548889 Marin
37.915833	122.526389 Marin

[illegible]

Middle of street out of man hole on hill side.

Spill location was in middle of street out of manhole E7 which overflows to the curb and into a close by storm drain

Rodhole # 31B

overflow occurred at rod hole on 82 eastview ave. and going downhill to main street.

Cleanout in garden of residence

Manhole ND7 located in garden of residence

Manhole opposite 202 Beach Road

Mountain Side with no public access along side seasonal creek

Manhole

Clean out close to 103 Beach Rd., at the base of pagoda Lane

Manhole

Cleanout in back yard

Man hole overflowing

Cleanout on hillside

Manhole #221

Manhole 224 located in back yard.

Cleanout located in garden

Manhole 245

Back garden of private residence

Manhole 353A

Manhole 353A

328 San Rafael Ave clean out overflowing into garden and down to lagoon.

Next to water tank- on spring lane

Rodhole near manhole # ND10

Manhole 135 overflowing

Man Hole overflowing- roots and baby wipes discovered in line causing blockage- not fully plugged some flow was getting minor overflow out of manhole FH8 partial blockage

Ruptured force main caused by weight of heavy storm drain resting on force main was cause of sewage spill, 10,000 gall Overflow coming from cleanout, overflow onto steep hillside- soaked into soil, found wipes in line causing stoppage and se

overflow reported at 242 beach rd- discovered a cracked coupling on the sewer line on the hill side- water soaked into hill: water on property- found 6 inch district line backed up- very little water backed up through cleanout and onto homeowners

mh#73 overflowing- rodded line and restored flow - cause of back up was root intrusion- contents of spill soaked into aspe

Force main crack - leaking water - 48 estimated gallons reached storm drain that is 2 feet away. Bypassing pump station + backed up main due to roots- SSO- 150 gallons estimated overflowed and reached storm drain- line cleared promptly -co

6 cleanout.

Manhole # FA16

Manhole # 111 located on Mar West

45 Bayview

100 Eastview

by just not all and combined with the h

ons estimated at time of contacting OE\$
ome roots

side dirt- repaired coupling

; patio- cleared back up and restored flo

uht and hillside- cleaned up site

during repair. New section of pipe to be
uld not contain contents in storm drain d

1
1

Manhole
Gravity sewer
Gravity sewer
Gravity sewer
Other sewer system structure
Manhole
Manhole
Manhole
Manhole
Other sewer system structure
Manhole
Other sewer system structure
Other sewer system structure
Manhole
Gravity sewer
Gravity sewer
Gravity sewer
Manhole
Other sewer system structure
Manhole
Gravity sewer
Manhole
Manhole
Manhole
Force main or pressure sewer
Force main or pressure sewer
Other (specify)
Gravity sewer
Gravity sewer
Gravity sewer
Manhole
Manhole
Manhole
Force main or pressure sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Force main or pressure sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Other (specify)
Gravity sewer
Gravity Mainline
Manhole
Manhole
Manhole
Manhole
Other (specify)
Other (specify)
Manhole
Manhole
Manhole

Broken sewer line leaked into garden

clean out

man hole slowly overflowing from partial blockage of roots
Rodhole

Underneath brick driveway
Manhole # 111

Clean Out - 6 clay RH
Rod hole

Other (specify below)
Beach
Unpaved surface
Beach
Unpaved surface
Unpaved surface
Storm drain
Other (specify below)
Unpaved surface
Unpaved surface
Street/curb and gutter
Other paved surface
Unpaved surface
Other paved surface
Unpaved surface
Unpaved surface
Surface water
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Surface water
Surface water
Surface water
Surface water
Surface water
Other (specify below)
Unpaved surface
Other paved surface
Unpaved surface
Unpaved surface
Other (specify below)
Street/curb and gutter
Other paved surface; Street/curb and gutter; Unpaved surface; Other (specify below)
Unpaved surface
Unpaved surface
Other (specify below)
Other paved surface
Separate storm drain
Separate storm drain
Other paved surface
Street/curb and gutter
Other paved surface
Separate storm drain
Street/curb and gutter
Other (specify below)
Unpaved surface
Unpaved surface
Storm drain
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Street/curb and gutter
Unpaved surface

spill went in both directions, on side of a garden box in which the soil absorbed most of the spill and to a storm drain where

Spill soaked into private garden.

reached the bay at corrinthean yacht club

Spill soaked into garden

Soaked into bushes

Seasonal Creek

Soaked into hillside

Hillside next to Pagoda Lane

Sewage spilled from clenout and soaked into hillside

Spill absorbed into hillside.

Belvedere Lagoon

Destination was on the asphalt- minimal overflow- soaked into ground- staff cleaned residue and cleared stoppage quick

Earth around rodhole

Spill absorbed into hillside

onto pavement and then to hillside-Diverted flow away from down street stormdrain with rubber diverter

other is the marsh lagoon which eventually feeds into sf bay

home owners patio

Spill soaked into hillside

Absorbed into ground

Unpaved surface. NOTE: Unable to enter specific selection above

Storm drain (unable to select from list)

Yard/land (unable to select unpaved surface from list)

Yard/Land

Yard/Land

Yard/Land

Street

Yard/land

7/28/2009 13:30	7/28/2009 13:33	7/28/2009 13:38	7/28/2009 14:27
8/12/2009 8:05	8/12/2009 8:09	8/12/2009 8:15	8/12/2009 8:30
8/24/2009 14:00	8/24/2009 14:10	8/24/2009 14:15	8/24/2009 14:35
10/30/2009 8:40	10/30/2009 8:42	10/30/2009 8:50	10/30/2009 8:55
1/10/2010 10:30	1/10/2010 10:30	1/10/2010 10:45	1/10/2010 11:45
1/16/2010 8:45	1/16/2010 8:54	1/16/2010 9:06	1/16/2010 10:20
2/10/2010 7:56	2/10/2010 7:56	2/10/2010 7:56	2/10/2010 9:15
2/17/2010 15:00	2/17/2010 15:10	2/17/2010 15:15	2/17/2010 16:35
2/19/2010 8:35	2/19/2010 8:37	2/19/2010 8:46	2/19/2010 9:00
2/21/2010 10:30	2/21/2010 10:30	2/21/2010 10:42	2/21/2010 12:00
2/23/2010 8:30	2/23/2010 8:30	2/23/2010 8:35	2/23/2010 9:15
3/9/2010 9:06	3/9/2010 9:06	3/9/2010 9:12	3/9/2010 9:25
4/11/2010 6:30	4/11/2010 6:30	4/11/2010 7:05	4/11/2010 7:30
10/18/2010 8:00	10/18/2010 8:15	10/18/2010 8:20	10/18/2010 10:30
10/26/2010 15:00	10/26/2010 15:30	10/26/2010 15:50	10/26/2010 16:00
12/20/2010 12:31	12/20/2010 12:33	12/20/2010 12:46	12/20/2010 12:51
4/8/2011 7:30	4/8/2011 7:40	4/8/2011 7:48	4/8/2011 9:32
4/12/2011 10:00	4/12/2011 10:00	4/12/2011 10:12	4/12/2011 13:00
4/16/2011 11:00	4/16/2011 11:30	4/16/2011 12:00	4/16/2011 13:30
5/9/2011 8:06	5/9/2011 8:06	5/9/2011 8:16	5/9/2011 8:29
5/18/2011 9:30	5/18/2011 9:58	5/18/2011 10:00	5/18/2011 12:31
6/28/2011 11:30	6/28/2011 11:15	6/28/2011 11:30	6/28/2011 11:55
6/28/2011 11:30	6/28/2011 11:15	6/28/2011 11:30	6/28/2011 11:55
6/28/2011 11:30	6/28/2011 11:15	6/28/2011 11:30	6/28/2011 11:55
11/12/2011 11:30	11/12/2011 11:30	11/12/2011 11:40	11/12/2011 13:10
11/12/2011 11:30	11/12/2011 11:30	11/12/2011 11:40	11/12/2011 13:10
11/20/2011 15:30	11/20/2011 15:34	11/20/2011 15:40	11/20/2011 17:00
3/12/2012 12:00	3/12/2012 12:00	3/12/2012 12:05	3/12/2012 12:45
4/17/2012 11:30	4/17/2012 11:28	4/17/2012 11:41	4/17/2012 12:06
11/1/2012 17:55	11/1/2012 17:55	11/1/2012 17:55	11/1/2012 18:15
11/28/2012 9:50	11/28/2012 9:38	11/28/2012 9:50	11/28/2012 10:10
12/2/2012 10:54	12/2/2012 10:58	12/2/2012 10:58	12/2/2012 11:30
11/28/2012 13:35	11/28/2012 13:45	11/28/2012 13:48	11/28/2012 14:00
12/27/2012 8:45	12/27/2012 8:55	12/27/2012 8:57	12/27/2012 9:28
1/16/2013 13:30	1/16/2013 13:30	1/16/2013 13:32	1/16/2013 14:10
1/15/2013 12:49	1/15/2013 12:52	1/15/2013 13:00	1/15/2013 14:00
1/9/2013 8:18	1/9/2013 8:19	1/9/2013 8:24	1/9/2013 8:45
1/11/2013 8:30	1/11/2013 8:32	1/11/2013 8:35	1/11/2013 8:45
2/15/2013 13:36	2/15/2013 13:36	2/15/2013 13:38	2/15/2013 14:00
2/15/2013 20:55	2/15/2013 21:00	2/15/2013 21:05	2/15/2013 21:35
2/21/2013 11:50	2/21/2013 11:50	2/21/2013 11:55	2/21/2013 12:50
6/5/2013 9:20	6/5/2013 9:35	6/5/2013 9:35	6/5/2013 9:45
7/1/2013 11:40	7/1/2013 11:40	7/1/2013 11:45	7/1/2013 12:00
8/18/2013 10:15	8/18/2013 10:30	8/18/2013 10:35	8/18/2013 10:45
7/30/2013 10:15	7/30/2013 10:15	7/30/2013 10:20	7/30/2013 10:25
9/17/2013 8:15	9/17/2013 8:15	9/17/2013 8:25	9/17/2013 10:25
9/23/2013 14:45	9/23/2013 14:45	9/23/2013 14:50	9/23/2013 16:50
5/7/2007 8:00	5/7/2007 8:00	5/7/2007 8:15	5/7/2007 9:15
5/31/2007 8:08	5/31/2007 8:08	5/31/2007 8:15	5/31/2007 8:25
5/29/2007 9:55	5/29/2007 10:05	5/29/2007 10:20	5/29/2007 10:50
5/23/2007 12:00	5/23/2007 12:00	5/23/2007 12:30	5/23/2007 16:00
6/7/2007 14:30	6/7/2007 14:30	6/7/2007 15:00	6/7/2007 16:00
6/7/2007 23:00	6/8/2007 9:17	6/8/2007 9:30	6/8/2007 9:42
4/28/2007 20:00	4/28/2007 20:00	4/28/2007 20:10	4/28/2007 20:15
6/20/2007 20:00	6/20/2007 20:10	6/20/2007 20:30	6/20/2007 21:30

Root intrusion
Debri-Rags
Root intrusion
Debri-Rags
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Pipe structural problem/failure
Root intrusion
Root intrusion
Pipe structural problem/failure
Root intrusion
Root intrusion
Root intrusion
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Debri-Rags
Root intrusion
Other (specify below)
Debri-General
Other (specify below)
Root intrusion
Root intrusion
Pipe structural problem/failure
Root intrusion
Root intrusion
Root intrusion
Pipe structural problem/failure
Pump station failure
Root intrusion
Root Intrusion
Root Intrusion
Root intrusion
Other (specify below)
Other (specify below)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Other (specify below)

Cleaning crew found a kitchen towel that was in the line that caused the overflow and some roots

Heavy roots was found in the line- rodded line to clear semiblockage

weight of 24" storm drain resting on pipe caused pipe to fail (burst) at location

cracked connector coupling- seeping water

Gravel
Grit

Roots
Roots

Paper, grease

Main
Main

[Main](#)

[Main](#)

[illegible]

6

6 Clay

6

6 clay

6

6

6 VCP

6 clay

No
No

6

6 clay

Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill);Inspected sewer using CCTV to determine cause;Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Restored flow
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill)
Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow;Other (specify below)
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Other (specify below)
Cleaned-up (mitigated effects of spill);Inspected sewer using CCTV to determine cause;Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill)
Restored flow
Contained all or portion of spill
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow

Restored flow
Cleaned-up (mitigated effects of spill)
Restored flow
Restored flow
Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Restored flow
Restored flow

Spill soaked into hillside. 'Bypass' system set up while line was unblocked, minimising spill volume.

cleared line and collected samples from lagoon

by pass pump and vactor truck sewage flow from station to main treatment plant through duration of repair

replaced coupling with new one

Restored flow. NOTE: Unable to enter specific entry above

Cleaned up by removing solid wste & washing down w/water. (unable to select from list)

Restored flow (unable to select from list)

Restored flow

Restored flow

Restored flow; cleaned up

Restored flow

Restored flow

8/12/2009 9:15

10/30/2009 8:55

2/10/2010 9:15

2/17/2010 16:40

4/8/2011 9:30

6/28/2011 11:57

6/28/2011 11:57

6/28/2011 11:57

11/12/2011 14:00

11/12/2011 14:00

11/20/2011 17:00

12/27/2012 20:14

2/15/2013 15:00

2/15/2013 22:00

8/18/2013 11:00

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program

Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program

Added sewer to preventive maintenance program

Added sewer to preventive maintenance program

Added sewer to preventive maintenance program

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Repaired sewer;Other (specify below)

Repaired sewer

Adjusted schedule/method of preventive maintenance

Other (specify below)

Will notify Town of Tiburon of there storm drain and the need to raise there storm drain or possibly change the diameter c

Repaired operational problem at pump ststion.

Yes

Yes

No
Yes

No

No
No
No
No
No
Yes

Yes

Yes
No

No

Had only reached beach- and not the recieving water as it was low tide.

clear

none visually

yes, marsh laggon has fresh water springs tha run into it 24/7 no visual impacts observed

none

No

No

No

No

No

No

No

No

No

No

No

Yes

No

Yes

No

NA

orrinthean yacht club- SF bay

NA

NA

Racoon straits, no beaches

Racoon straits, no beaches

marsh lagoon

N/A

Richardson Bay

SF bay

Racoon Straits

Racoon straits, San francisco bay

N/A

N/A

Racoon straits

N/A

N/A

N/A

Racoon Straits

Racoon Straits

Racoon Straits

Racoon Straits

Racoon Straits

Belvedere Lagoon

N/A

N/A

marsh lagoon

belvedere lagoon

Belvedere Lagoon

N/A

N/A

Racoon Straits

N/A

Other chemical indicator(s) - specify below;Biological indicator(s) - specify below

Biological indicator(s) - specify below

Biological indicator(s) - specify below

Biological indicator(s) - specify below

Biological indicator(s) - specify below

Biological indicator(s) - specify below

Biological indicator(s) - specify below

Biological indicator(s) - specify below

Biological indicator(s) - specify below

Biological indicator(s) - specify below

Biological indicator(s) - specify below

Biological indicator(s) - specify below

Biological indicator(s) - specify below

Biological indicator(s) - specify below

Biological indicator(s) - specify below

ammonia, e-coli, enterococcus

E-coli, coliform, enterococcus

Coliform, enterococcus, ammonia

Enterococcus- E-coli-Coliform- 100ft upstream of entrance point and 100 ft downstream of entrance point to creek

Samples collected for total coliform, fecal coliform, enterococcus, E. coli

E Coli , Enterococcus , total and fecal coliform

E Coli , Enterococcus , total and fecal coliform

E Coli , Enterococcus , total and fecal coliform

Fecal coliform. Total coliform and E.coli. Enterococcus.

Fecal coliform. Total coliform and E.coli. Enterococcus.

Total coliform, fecal coliform and enterococcus

E coli, enterococcus and total coliform

Total Coliform, fecal coliform and enterococcus

Fecal coliform total coliform and enterococcus

Fecal, enterococcus, total coliform, e.coli. Ammonia

County Health Agency

County Health Agency

County Health Agency

County Health Agency

None of the above

None of the above

None of the above

None of the above

County Health Agency

County Health Agency

County Health Agency

County Health Agency

County Health Agency

County Health Agency

County Health Agency;Regional Water Quality Control Board

Results not available yet.

Results not available as yet
Results not available as yet
Results not available as yet
Results not yet available
Results not yet available

Results not available

95609	8/12/2009 9:12
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97317	10/30/2009 9:32
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101061	2/10/2010 9:45
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101249	2/17/2010 17:08
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112244	4/8/2011 9:32
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113878	6/28/2011 12:32
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113878	6/28/2011 12:32
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113878	6/28/2011 12:32
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116744	11/12/2011 14:40
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116744	11/12/2011 14:40
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116906	11/20/2011 17:30
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127940	12/27/2012 10:40
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131002	2/15/2013 14:52
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131006	2/15/2013 22:35
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135100	
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Tony Rubio Watewater Facilities Manager
Tony Rubio. Wastewater Facilities Manager

4154351501
4154351501

2SSO10154	Active	652811 Jill Barnes	Certified
2SSO10154	Active	653847 Jill Barnes	Certified
2SSO10154	Active	655722 Jill Barnes	Certified
2SSO10154	Active	656753 Jill Barnes	Certified
2SSO10154	Active	656754 Jill Barnes	Certified
2SSO10154	Active	656756 Jill Barnes	Certified
2SSO10154	Active	656757 Jill Barnes	Certified
2SSO10154	Active	656758 Jill Barnes	Certified
2SSO10154	Active	656759 Jill Barnes	Certified
2SSO10154	Active	656761 Jill Barnes	Certified
2SSO10154	Active	656780 Jill Barnes	Certified
2SSO10154	Active	656796 Jill Barnes	Certified
2SSO10154	Active	656802 Jill Barnes	Certified
2SSO10154	Active	656840 Jill Barnes	Certified
2SSO10154	Active	657250 Jill Barnes	Certified
2SSO10154	Active	657579 Jill Barnes	Certified
2SSO10154	Active	658055 Jill Barnes	Certified
2SSO10154	Active	658059 Jill Barnes	Certified
2SSO10154	Active	658174 Jill Barnes	Certified
2SSO10154	Active	704429 Jill Barnes	Certified
2SSO10154	Active	706695 Jill Barnes	Certified
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2SSO10154	Active	708250 Jill Barnes	Certified
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2SSO10154	Active	708800 Jill Barnes	Certified
2SSO10154	Active	709013 Jill Barnes	Certified
2SSO10154	Active	709328 Jill Barnes	Certified
2SSO10154	Active	709482 Jill Barnes	Certified
2SSO10154	Active	710680 Jill Barnes	Certified
2SSO10154	Active	710682 Jill Barnes	Certified
2SSO10154	Active	710685 Jill Barnes	Certified
2SSO10154	Active	710687 Jill Barnes	Certified
2SSO10154	Active	710689 Jill Barnes	Certified
2SSO10154	Active	711227 Jill Barnes	Certified
2SSO10154	Active	711232 Jill Barnes	Certified
2SSO10154	Active	711234 Jill Barnes	Certified
2SSO10154	Active	711471 Jill Barnes	Certified
2SSO10154	Active	711519 Jill Barnes	Certified
2SSO10154	Active	711907 Jill Barnes	Certified
2SSO10154	Active	712534 Jill Barnes	Certified
2SSO10154	Active	712598 Jill Barnes	Certified
2SSO10154	Active	712677 Jill Barnes	Certified

[illegible]

Mill Valley	477195
Mill Valley, CA	395551
Mill Valley	340237
Mill Valley	865785
Mill Valley	410525
Mill Valley	861721
Mill Valley	269599
Mill Valley	464883
Mill Valley	658114
Mill Valley	594403
Mill Valley	752413
Mill Valley	269066
Mill Valley	349039
Mill Valley	900585
Mill Valley, CA	357091
Mill Valley, CA	797226
Mill Valley, CA	462769
Mill Valley, CA	821626
Mill Valley, CA	793433
Mill Valley, CA	823525
Mill Valley, CA	143176
Mill Valley, CA	564016
Mill Valley, CA	187532
Mill Valley, CA	656881
Mill Valley, CA	340065
Mill Valley, CA	748972
Mill Valley	118596
Mill Valley, CA	683980
Mill Valley	809518
Mill Valley, CA	102733
Mill Valley, CA	647387
Mill Valley, CA	427221
Mill Valley, CA	763039
Mill Valley, CA	566095
Mill Valley, CA	234877
Mill Valley, CA	985095
Mill Valley, CA	598836
Mill Valley, CA	680545
Mill Valley, CA	584930
Mill Valley, CA	531458
Mill Valley, CA	301970
Mill Valley, CA	965137
Mill Valley, CA	657435
Mill Valley, CA	132320
Mill Valley, CA	272462
Mill Valley, CA	169687
Mill Valley	901486
Mill Valley	930585
Mill Valley	255156
Mill Valley	276876
Mill Valley	307009
Mill Valley	588771
Mill Valley	123698
Mill Valley	132341
Mill Valley	263018

26-Jun-07	26-Jun-07	6/26/2007
10-Jul-07	18-Jul-07	7/18/2007
13-Aug-07	13-Aug-07	8/13/2007
31-Aug-07	5-Sep-07	9/5/2007
31-Aug-07	5-Sep-07	9/5/2007
31-Aug-07	5-Sep-07	9/5/2007
31-Aug-07	5-Sep-07	9/5/2007
31-Aug-07	5-Sep-07	9/5/2007
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4-Sep-07	5-Sep-07	9/5/2007
4-Sep-07	6-Nov-07	11/6/2007
5-Sep-07	5-Sep-07	9/5/2007
12-Sep-07	2-Dec-10	12/2/2010
17-Sep-07	9-Jan-08	1/9/2008
26-Sep-07	9-Jan-08	1/9/2008
26-Sep-07	9-Jan-08	1/9/2008
28-Sep-07	9-Jan-08	1/9/2008
1-Oct-07	9-Jan-08	1/9/2008
26-Oct-07	9-Jan-08	1/9/2008
5-Nov-07	9-Jan-08	1/9/2008
6-Nov-07	9-Jan-08	1/9/2008
8-Nov-07	9-Jan-08	1/9/2008
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27-Nov-07	9-Jan-08	1/9/2008
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27-Nov-07	9-Jan-08	1/9/2008
27-Nov-07	20-Dec-07	12/20/2007
27-Nov-07	20-Dec-07	12/20/2007
27-Nov-07	20-Dec-07	12/20/2007
27-Nov-07	2-Dec-10	12/2/2010
29-Nov-07	20-Dec-07	12/20/2007
29-Nov-07	20-Dec-07	12/20/2007
29-Nov-07	20-Dec-07	12/20/2007
6-Dec-07	20-Dec-07	12/20/2007
11-Dec-07	20-Dec-07	12/20/2007
13-Dec-07	20-Dec-07	12/20/2007
13-Dec-07	9-Jan-08	1/9/2008
3-Jan-08	9-Jan-08	1/9/2008
3-Jan-08	9-Jan-08	1/9/2008
3-Jan-08	9-Jan-08	1/9/2008
3-Jan-08	9-Jan-08	1/9/2008
3-Jan-08	9-Jan-08	1/9/2008
15-Jan-08	12-Mar-08	3/12/2008
15-Jan-08	12-Mar-08	3/12/2008
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22-Jan-08	12-Mar-08	3/12/2008
22-Jan-08	12-Mar-08	3/12/2008
28-Jan-08	12-Mar-08	3/12/2008
7-Feb-08	12-Mar-08	3/12/2008
7-Feb-08	12-Mar-08	3/12/2008
11-Feb-08	12-Mar-08	3/12/2008

Category 3	2	
Category 3	100	
Category 1	3000	0
Category 3	10	0
Category 3	360	0
Category 3	300	0
Category 3	2	0
Category 3	225	0
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Category 3	300	
Category 3	5	
Category 3	10	
Category 3	225	
Category 2	1000	1000
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Category 3	100	
Category 3	180	
Category 3	10	
Category 3	30	
Category 3	20	
Category 3	900	
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Category 3	45	0
Category 3	50	0
Category 3	30	0
Category 3	20	0
Category 3	80	0
Category 3	30	0
Category 3	105	0
Category 3	65	0
Category 3	90	0

No	No
No	No
3000 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
No	No
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0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No

across from 403 Vista Linda Dr
Ethel Avenue
2 Overhill Road
52 Longfellow Rd
701 Miller Ave
E. Blithedale Ave
117 Tamalpais Avenue
Molino Ave at Cascade Dr
50 Shelley Dr
21 Monte Vista Ave
67 Molino Ave
108 Miller Ave
4 Marsh Drive
107 Wildomar St
50 Shelley Dr - behind address
125 Shelley Drive
225 Tamalpais Ave
352 W. Blithedale Ave
Vista Linda Dr @ Sheridan Ct
Vista Linda Drive
460 Summit Ave
389 Ethel Ave
85 Shelley Drive
2 Shelley Drive
2 Shelley Drive
401 Summit Ave
280 Buena Vista Avenue
12 Oak Lane
427 Summit Avenue
11 Sheridan Court
11 Sunrise Aveue
26 Corte Madera Ave
Bernard Stairs
Alvarado Avenue @ Manor Drive
19 Sunrise Avenue
403 Vista Linda Dr
58 Florence Ave
120 Shelley Drive
Bernard Street @ Lovell Ave
340 W. Blithedale Ave
360 W. Blithedale Ave
233-235 Eldridge Ave
Behind 12 Azalea Dr
14 Glen Drive
116 Rose Ave
56-60 Monta Vista Ave
315 Magee Ave
343 Hazel Ave
60 Monte Vista Ave
10 Glen Drive
80 Cypress Ave
15 Elinor Ave
77 Molino Avenue
775 Redwood Hwy
209 Molino Ave

37.916111	122.535833 Marin
37.904167	122.549167 Marin
37.908889	122.528889 Marin
37.901667	122.523056 Marin
37.891667	122.5275 Marin
37.900833	122.526389 Marin
37.909167	122.553889 Marin
37.904722	122.553611 Marin
37.903333	122.522222 Marin
37.906111	122.559167 Marin
37.903811	122.545239 Marin
37.903794	122.545258 Marin
37.918667	122.554617 Marin
37.901925	122.548664 Marin
37.9033	-122.522125 Marin
37.901889	122.523981 Marin
37.910967	122.557333 Marin
37.917658	122.553344 Marin
37.916233	122.535675 Marin
37.914564	122.537583 Marin
37.913547	122.55775 Marin
37.899903	122.54165 Marin
37.902881	122.523261 Marin
37.903036	122.520467 Marin
37.903006	122.520467 Marin
37.91225	122.555628 Marin
37.909756	122.538228 Marin
37.908439	122.552653 Marin
37.912644	122.557322 Marin
37.916319	122.535697 Marin
37.898536	122.542286 Marin
37.907397	122.548086 Madera
37.907258	122.549453 Marin
37.906019	-122.535208 Marin
37.898258	122.542383 Marin
37.916183	122.535764 Marin
37.903103	122.550969 Marin
37.902033	122.523986 Marin
37.906864	122.549039 Marin
37.917311	122.553139 Marin
37.917811	122.553389 Marin
37.914642	122.550686 Marin
37.906128	122.526547 Marin
37.915925	122.538586 Marin
37.904022	122.561831 Marin
37.906231	122.560294 Marin
37.911097	122.552292 Marin
37.905364	122.561406 Marin
37.906225	122.560314 Marin
37.915572	122.538319 Marin
37.9038	122.561492 Marin
37.908039	122.540767 Marin
37.903706	122.551433 Marin
37.897392	122.5158 Marin
37.902503	122.547353 Marin

[illegible]

Manhole located in open-space just north of #2 Overhill Road.

Other (specify)
Manhole
Manhole
Other (specify)
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Other (specify)
Manhole
Other (specify)
Manhole
Manhole
Other (specify)
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Other (specify)
Other sewer system structure
Other sewer system structure
Manhole
Other sewer system structure
Other sewer system structure
Manhole
Manhole
Manhole
Other (specify)
Manhole
Manhole
Manhole
Other (specify)
Other sewer system structure
Manhole
Manhole
Manhole
Other sewer system structure
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Other (specify)
Manhole
Manhole
Manhole
Manhole

Clean out

6 clay rod hole

Clean Out

on hillside

Clean-out

clean out
Clean-out
rod hole

Clean-out
Clean out

Possible hole in pipe

lamp hole
Clean-out

Clean out

clean out

Unpaved surface
Other (specify below)
Surface water
Unpaved surface
Street/curb and gutter
Unpaved surface
Unpaved surface
Street/curb and gutter
Unpaved surface
Other (specify below)
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Unpaved surface
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Storm drain
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Street/curb and gutter
Unpaved surface
Storm drain
Unpaved surface
Street/curb and gutter;Other (specify below)
Street/curb and gutter
Unpaved surface
Unpaved surface
Street/curb and gutter
Storm drain
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Storm drain
Other (specify below)
Street/curb and gutter

Yard/Land
Dirt channel

hillside

dirt channel
dirt channel

dirt channel

dry creek bed

Captured in storm drain

6/25/2007 10:45	6/25/2007 10:45	6/25/2007 11:30	6/25/2007 12:00
7/6/2007 12:00	7/6/2007 12:00	7/6/2007 12:05	7/6/2007 12:15
7/21/2007 0:00	8/11/2007 1:30	8/11/2007 14:00	8/11/2007 18:00
8/28/2007 10:30	8/28/2007 10:30	8/28/2007 10:50	8/28/2007 13:00
8/24/2007 9:45	8/24/2007 9:45	8/24/2007 9:45	8/24/2007 11:45
8/20/2007 9:30	8/20/2007 9:30	8/20/2007 9:30	8/20/2007 9:50
8/25/2007 7:00	8/25/2007 7:00	8/25/2007 7:30	8/25/2007 8:30
8/25/2007 10:00	8/25/2007 10:00	8/25/2007 10:00	8/25/2007 10:45
8/25/2007 9:30	8/25/2007 9:30	8/25/2007 11:00	8/25/2007 12:30
8/26/2007 14:40	8/26/2007 14:45	8/26/2007 15:15	8/26/2007 15:30
8/30/2007 9:20	8/30/2007 9:20	8/30/2007 9:30	8/30/2007 10:00
8/28/2007 7:40	8/28/2007 7:40	8/28/2007 7:50	8/28/2007 8:10
9/4/2007 7:45	9/4/2007 7:00	9/4/2007 8:00	9/4/2007 8:30
9/5/2007 8:10	9/5/2007 8:15	9/5/2007 8:20	9/5/2007 8:45
9/11/2007 8:50	9/11/2007 9:15	9/11/2007 9:20	9/11/2007 9:45
9/14/2007 13:15	9/14/2007 13:20	9/14/2007 13:30	9/14/2007 13:35
8/2/2007 8:38	8/2/2007 8:48	8/2/2007 9:12	8/2/2007 9:27
7/31/2007 16:38	7/31/2007 16:38	7/31/2007 16:55	7/31/2007 17:30
9/27/2007 8:25	9/27/2007 8:30	9/27/2007 8:40	9/27/2007 9:00
9/28/2007 10:55	9/28/2007 11:00	9/28/2007 11:10	9/28/2007 11:18
10/26/2007 8:57	10/26/2007 9:00	10/26/2007 9:10	10/26/2007 9:20
10/31/2007 16:35	10/31/2007 16:45	10/31/2007 17:00	10/31/2007 17:30
11/5/2007 9:30	11/5/2007 9:40	11/5/2007 9:45	11/5/2007 10:00
11/6/2007 9:30	11/6/2007 9:35	11/6/2007 9:40	11/6/2007 10:10
11/16/2007 8:30	11/16/2007 8:30	11/16/2007 8:45	11/16/2007 10:00
11/19/2007 12:15	11/19/2007 12:15	11/19/2007 13:20	11/19/2007 13:40
11/26/2007 14:55	11/26/2007 14:55	11/26/2007 15:00	11/28/2007 16:00
11/18/2007 7:20	11/18/2007 7:20	11/18/2007 8:00	11/18/2007 9:00
11/18/2007 9:00	11/18/2007 9:00	11/28/2007 9:30	11/28/2007 10:00
11/22/2007 10:05	11/22/2007 10:05	11/22/2007 10:30	11/22/2007 11:45
11/21/2007 11:00	11/21/2007 11:00	11/21/2007 11:30	11/21/2007 15:00
11/23/2007 8:10	11/23/2007 8:10	11/23/2007 9:20	11/23/2007 9:45
11/25/2007 13:25	11/25/2007 13:25	11/25/2007 13:40	11/25/2007 15:30
11/21/2007 17:30	11/21/2007 17:30	11/21/2007 17:30	11/21/2007 21:00
11/28/2007 9:15	11/28/2007 9:15	11/28/2007 9:45	11/28/2007 10:40
11/28/2007 8:00	11/28/2007 8:00	11/28/2007 8:15	11/28/2007 9:00
11/28/2007 21:30	11/28/2007 21:30	11/28/2007 22:00	11/28/2007 23:00
12/5/2007 13:00	12/5/2007 13:00	12/5/2007 13:15	12/5/2007 13:40
12/11/2007 8:00	12/11/2007 8:00	12/11/2007 8:15	12/11/2007 8:40
12/12/2007 9:40	12/12/2007 9:45	12/12/2007 9:50	12/12/2007 10:00
12/9/2007 9:00	12/9/2007 9:00	12/9/2007 9:30	12/9/2007 11:00
12/25/2007 14:00	12/25/2007 14:00	12/25/2007 14:20	12/25/2007 15:00
12/28/2007 11:45	12/28/2007 11:45	12/28/2007 11:55	12/28/2007 12:30
12/30/2007 17:30	12/30/2007 17:30	12/30/2007 17:45	12/30/2007 18:45
12/31/2007 10:30	12/31/2007 10:30	12/31/2007 10:30	12/31/2007 11:00
1/1/2008 9:20	1/1/2008 9:20	1/1/2008 9:45	1/1/2008 10:30
1/9/2008 11:30	1/9/2008 11:30	1/9/2008 11:30	1/9/2008 12:15
1/9/2008 8:30	1/9/2008 8:35	1/9/2008 8:45	1/9/2008 9:00
1/11/2008 9:00	1/11/2008 9:00	1/11/2008 9:15	1/11/2008 9:45
1/21/2008 9:30	1/21/2008 9:30	1/21/2008 10:00	1/21/2008 11:00
1/22/2008 9:10	1/22/2008 9:15	1/22/2008 9:20	1/22/2008 9:45
1/25/2008 11:00	1/25/2008 11:00	1/25/2008 11:15	1/25/2008 11:45
2/6/2008 19:00	2/6/2008 19:00	2/6/2008 19:00	2/6/2008 20:45
2/7/2008 8:00	2/7/2008 8:00	2/7/2008 8:00	2/7/2008 8:15
2/8/2008 8:00	2/8/2008 8:30	2/8/2008 9:00	2/8/2008 9:30

Paper

Paper, grease, roots, grit/gravel, & plastic wrappers.

Not known

Also paper products

Plastic & paper

also, grease

and paper

also grease

also grease and paper products

wipes

Gravel, paper

paper

Gravel

Grease

Grease

Grit/gravel

Paper

Main

Main

6 clay

Restored flow
Cleaned-up (mitigated effects of spill)
Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Restored flow
Restored flow
Restored flow
Restored flow
Restored flow
Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Restored flow
Restored flow
Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Restored flow;Other (specify below)
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow;Returned all or portion of spill to sanitary sewer system;Other (specif
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Inspected sewer using CCTV to determine cause;R
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow
Cleaned-up (mitigated effects of spill);Restored flow

Restored flow

Restored flow; cleaned up by removing solid waste and washing down with water.

Restored flow.

Swept up and disinfected area

Pumped out creek

8/11/2007 20:30

11/25/2007 15:30
11/21/2007 21:00

Other (specify below)

Plan rehabilitation or replacement of sewer
Adjusted schedule/method of preventive maintenance

Investigating history of spills in this area.

Yes

No
No

No impact to receiving water.

No

No
No

NA

N/A
NA

Sutton-Manor Creek

N/A
NA

Other chemical indicator(s) - specify below

No water quality samples taken
Not applicable to this spill

Ammonia

NA

County Health Agency

None of the above
No water quality samples taken

NA

74831

8/11/2007 20:15

2SSO10154	Active	713154 Jill Barnes	Certified
2SSO10154	Active	714426 Jill Barnes	Certified
2SSO10154	Active	714429 Jill Barnes	Certified
2SSO10154	Active	714440 Jill Barnes	Certified
2SSO10154	Active	714771 Jill Barnes	Certified
2SSO10154	Active	715069 Jill Barnes	Certified
2SSO10154	Active	715112 Jill Barnes	Certified
2SSO10154	Active	715237 Jill Barnes	Certified
2SSO10154	Active	715510 Jill Barnes	Certified
2SSO10154	Active	716082 Jill Barnes	Certified
2SSO10154	Active	716119 Jill Barnes	Certified
2SSO10154	Active	716990 Jill Barnes	Certified
2SSO10154	Active	718016 Jill Barnes	Certified
2SSO10154	Active	718050 Jill Barnes	Certified
2SSO10154	Active	718082 Jill Barnes	Certified
2SSO10154	Active	718784 Jill Barnes	Certified
2SSO10154	Active	719877 Jill Barnes	Certified
2SSO10154	Active	719887 Jill Barnes	Certified
2SSO10154	Active	722402 Jill Barnes	Certified
2SSO10154	Active	722403 Jill Barnes	Certified
2SSO10154	Active	722427 Jill Barnes	Certified
2SSO10154	Active	722764 Jill Barnes	Certified
2SSO10154	Active	722864 Jill Barnes	Certified
2SSO10154	Active	723019 Jill Barnes	Certified
2SSO10154	Active	723444 Jill Barnes	Certified
2SSO10154	Active	723827 Jill Barnes	Certified
2SSO10154	Active	723829 Jill Barnes	Certified
2SSO10154	Active	723858 Jill Barnes	Certified
2SSO10154	Active	724199 Jill Barnes	Certified
2SSO10154	Active	725619 Jill Barnes	Certified
2SSO10154	Active	725918 Jill Barnes	Certified
2SSO10154	Active	726106 Jill Barnes	Certified
2SSO10154	Active	726226 Jill Barnes	Certified
2SSO10154	Active	726263 Jill Barnes	Certified
2SSO10154	Active	726311 Jill Barnes	Certified
2SSO10154	Active	726314 Jill Barnes	Certified
2SSO10154	Active	726477 Jill Barnes	Certified
2SSO10154	Active	726650 Jill Barnes	Certified
2SSO10154	Active	726773 Jill Barnes	Certified
2SSO10154	Active	726784 Jill Barnes	Certified
2SSO10154	Active	726956 Jill Barnes	Certified
2SSO10154	Active	726972 Jill Barnes	Certified
2SSO10154	Active	727005 Jill Barnes	Certified
2SSO10154	Active	727543 Jill Barnes	Certified
2SSO10154	Active	728125 Jill Barnes	Certified
2SSO10154	Active	728396 Jill Barnes	Certified
2SSO10154	Active	728630 Jill Barnes	Certified
2SSO10154	Active	728690 Jill Barnes	Certified
2SSO10154	Active	728693 Jill Barnes	Certified
2SSO10154	Active	728884 Jill Barnes	Certified
2SSO10154	Active	729042 Jill Barnes	Certified
2SSO10154	Active	729228 Jill Barnes	Certified
2SSO10154	Active	729483 Jill Barnes	Certified
2SSO10154	Active	729786 Jill Barnes	Certified
2SSO10154	Active	730568 Jill Barnes	Certified

[illegible]

Mill Valley	534060
Mill Valley	432764
Mill Valley	727754
Mill Valley	544939
Mill Valley	889474
Mill Valley	880041
Mill Valley	147471
Mill Valley, CA	288141
Mill Valley	166102
Mill Valley	993801
Mill Valley	117734
Mill Valley	991626
Mill Valley	499290
Mill Valley	427588
Mill Valley	271145
Mill Valley	210554
Mill Valley, CA	347650
Mill Valley	706748
Mill Valley	714723
Mill Valley	123791
Mill Valley	514711
Mill Valley	636214
Mill Valley	894747
Mill Valley	441819
Mill Valley	779720
Mill Valley	286929
Mill Valley	396725
Mill Valley	789027
Mill Valley	833660
Mill Valley	604467
Mill Valley	384950
Mill Valley	240973
Mill Valley	499760
Mill Valley	953936
Mill Valley, CA	707529
Mill Valley	649314
Mill Valley	190503
Mill Valley	305363
Mill Valley	685389
Mill Valley	318238
Mill Valley, CA	731139
Mill Valley	566689
Mill Valley, CA	999438
Mill Valley	937256
Mill Valley	888498
Mill Valley	164925
Mill Valley	636864
Mill Valley	838441
Mill Valley	799591
Mill Valley	699873
Mill Valley	842515
Mill Valley	837743
Mill Valley	196396
Mill Valley	414097
Mill Valley, CA	932058

20-Feb-08	12-Mar-08	3/12/2008
3-Mar-08	12-Mar-08	3/12/2008
3-Mar-08	12-Mar-08	3/12/2008
4-Mar-08	12-Mar-08	3/12/2008
11-Mar-08	12-Mar-08	3/12/2008
20-Mar-08	27-May-08	5/27/2008
20-Mar-08	15-Jul-08	7/15/2008
24-Mar-08	2-Dec-10	12/2/2010
27-Mar-08	15-Jul-08	7/15/2008
11-Apr-08	15-Jul-08	7/15/2008
14-Apr-08	27-May-08	5/27/2008
6-May-08	27-May-08	5/27/2008
27-May-08	27-May-08	5/27/2008
27-May-08	15-Jul-08	7/15/2008
27-May-08	27-May-08	5/27/2008
3-Jun-08	15-Jul-08	7/15/2008
19-Jun-08	2-Dec-10	12/2/2010
19-Jun-08	15-Jul-08	7/15/2008
15-Jul-08	15-Jul-08	7/15/2008
15-Jul-08	15-Jul-08	7/15/2008
15-Jul-08	15-Jul-08	7/15/2008
17-Jul-08	22-Sep-08	9/22/2008
18-Jul-08	21-Jul-08	7/21/2008
21-Jul-08	21-Jul-08	7/21/2008
24-Jul-08	22-Sep-08	9/22/2008
29-Jul-08	22-Sep-08	9/22/2008
29-Jul-08	22-Sep-08	9/22/2008
30-Jul-08	22-Sep-08	9/22/2008
4-Aug-08	22-Sep-08	9/22/2008
2-Sep-08	22-Sep-08	9/22/2008
8-Sep-08	22-Sep-08	9/22/2008
11-Sep-08	22-Sep-08	9/22/2008
12-Sep-08	22-Sep-08	9/22/2008
15-Sep-08	22-Sep-08	9/22/2008
15-Sep-08	22-Sep-08	10/24/2008
15-Sep-08	22-Sep-08	9/22/2008
17-Sep-08	22-Sep-08	9/22/2008
22-Sep-08	24-Nov-08	11/24/2008
23-Sep-08	24-Nov-08	11/24/2008
23-Sep-08	24-Nov-08	11/24/2008
26-Sep-08	24-Oct-08	10/24/2008
26-Sep-08	24-Nov-08	11/24/2008
29-Sep-08	24-Oct-08	10/24/2008
7-Oct-08	24-Oct-08	11/24/2008
20-Oct-08	24-Nov-08	11/24/2008
23-Oct-08	24-Oct-08	10/24/2008
28-Oct-08	24-Nov-08	11/24/2008
30-Oct-08	24-Nov-08	11/24/2008
30-Oct-08	24-Nov-08	11/24/2008
3-Nov-08	24-Nov-08	11/24/2008
6-Nov-08	24-Nov-08	11/24/2008
13-Nov-08	24-Nov-08	11/24/2008
20-Nov-08	24-Nov-08	11/24/2008
24-Nov-08	24-Nov-08	11/24/2008
15-Dec-08	19-Dec-08	12/19/2008

Category 3	225	0
Category 3	450	0
Category 3	100	0
Category 3	750	0
Category 3	50	0
Category 2	3000	2000
Category 1	60	0
Category 3	5	0
Category 3	25	0
Category 3	422	0
Category 3	20	0
Category 3	10	0
Category 3	900	0
Category 3	20	0
Category 3	50	0
Category 3	10	0
Category 3	250	0
Category 3	600	0
Category 3	10	0
Category 3	240	0
Category 3	2	0
Category 3	25	0
Category 3	25	0
Category 3	20	0
Category 3	20	0
Category 3	250	0
Category 3	30	0
Category 3	150	0
Category 3	150	0
Category 3	20	0
Category 3	50	0
Category 3	75	0
Category 3	5	0
Category 3	20	0
Category 3	5	0
Category 3	25	0
Category 3	120	0
Category 3	20	0
Category 3	750	0
Category 3	300	300
Category 3	2	0
Category 3	275	0
Category 3	5	0
Category 3	2	0
Category 3	20	0
Category 3	300	0
Category 3	25	0
Category 3	20	0
Category 3	100	0
Category 3	90	0
Category 3	200	0
Category 3	60	0
Category 3	150	0
Category 3	75	0
Category 3	20	0

[illegible]

280 Buena Vista Ave
10 Underhill Road
3 Wainwright Pl
20 Vasco Dr
Marguerite Ave @ W. Blithedale Ave
30 Shelley Drive
West Blithedale at Lee Street
4 Heather Way
503 W. Blithedale Ave
18 Thalia Street
278 Manor Drive
343 Summit Ave
280 Buena Vista Ave
2 Marsh Drive
326 W Blithedale Ave @ Corte Madera Ave
East Blithedale Ave @ Alta Vista Ave
56 Monte Vista Ave
18 Buena Vista Ave
90 Florence Ave
85 Tamalpais Ave
125 Shelley Dr
1 Throckmorton Ave
1 Throckmorton Ave
56 Monte Vista
21 Monte Vista Ave
1 Throckmorton Ave
29 Vasco Ct
70 Sunrise Ave
1 Barrie Way
369 Marion Avenue
106 Miller Avenue
106 Miller Ave
355 Tamalpais Ave
80 Cypress Ave
55 Alvarado Ave
63 E. Manor Dr.
280 Buena Vista Ave
136 Shelley Dr
280 Buena Vista Ave
136 Lovell Ave
571 Throckmorton Ave
21 Monte Vista Ave
126 Monte Vista Ave
125 Shelley Drive
35 Florence Ave
66 Molino Avenue
159 Monte Vista Ave
67 Molino Avenue
17 Shelley Dr
Bernard Stairs
60 Monte Vista Ave
19 Sunrise Ave
67 Molino Ave
4 Longfellow Road
Magee Ave

37.909756	122.538228 Marin
37.911756	122.524944 Marin
37.907947	122.561819 Marin
37.909489	122.525958 Marin
37.917839	122.553408 Marin
37.903378	122.521403 Marin
37.920556	122.554167 Marin
37.915542	-122.53775 Marin
37.921492	122.556006 Marin
37.904272	122.539436 Marin
37.907506	122.538125 Marin
37.910842	122.555633 Marin
37.909756	122.538247 Marin
37.918933	122.554417 Marin
37.916789	122.552528 Marin
37.903864	122.536467 Marin
37.906056	122.560761 Marin
37.906772	122.545658 Marin
37.903169	12.552467 Marin
37.908828	122.553272 Marin
37.901278	122.52435 Marin
37.906725	122.546267 Marin
37.906697	122.546247 Marin
37.906056	122.560761 Marin
37.906061	122.559442 Marin
37.906697	122.546247 Marin
37.910739	122.525011 Marin
37.897661	122.540506 Marin
37.916739	122.540842 Marin
37.902403	122.553256 Marin
37.903692	122.545822 Marin
37.903692	122.545822 Marin
37.913925	122.559344 Marin
37.903433	122.561603 Marin
37.905519	122.5363 Marin
37.904733	122.535739 Marin
37.914667	122.534078 Marin
37.901242	122.524508 Marin
37.914667	122.534078 Marin
37.906753	122.55315 Marin
37.910308	122.559458 Marin
37.906053	122.559442 Marin
37.905214	122.562303 Marin
37.901219	122.523981 Marin
37.902844	122.550908 Marin
37.903408	122.551219 Marin
37.905792	122.562403 Marin
37.903889	122.551378 Marin
37.903061	122.521236 Marin
37.907272	122.549825 Marin
37.906217	122.560314 Marin
37.897753	122.542083 Marin
37.903714	122.551436 Marin
37.902664	122.5213 Marin
37.909617	122.551892 Marin

2

residential area

C-9

Manhole
Manhole
Manhole
Other sewer system structure
Manhole
Manhole
Manhole
Other (specify)
Manhole
Other (specify)
Other (specify)
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Other (specify)
Manhole
Manhole
Other (specify)
Manhole
Manhole
Manhole
Manhole
Manhole
Other sewer system structure
Manhole
Manhole
Other (specify)
Manhole
Manhole
Other (specify)
Manhole
Manhole
Manhole
Other sewer system structure
Manhole
Manhole
Other (specify)
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Other (specify)
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole

Clean-out

clean out

clean out
Clean out

MH #DE12
MH #FB2AA
4 private clean-out (manhole FH8)
FG3
VB2
Clean-out
FB-2
DE10

ID #RD1
Clean-out

DA-8
Clean out
C9
D113
RH; Clean-out
LH3
PH3
LG6
pipe
LG6
F9A
Clean out (svc MH DK1)
DE7
DE5
VB2
#FH15
FH3
DE17
Hillside (FH3 to FH2)
VF1
BAT43
DE12
CA8
FH3
VG2
E3

Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Surface water
Separate storm drain
Street/curb and gutter
Unpaved surface
Storm drain
Street/curb and gutter
Unpaved surface
Unpaved surface
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Storm drain
Unpaved surface
Unpaved surface
Street/curb and gutter
Unpaved surface
Unpaved surface
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Other paved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Storm drain
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Unpaved surface
Street/curb and gutter
Unpaved surface
Storm drain
Street/curb and gutter;Unpaved surface
Unpaved surface
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Unpaved surface

Captured in storm drain

Also storm drain

2/19/2008 7:55	2/19/2008 7:55	2/19/2008 8:00	2/19/2008 8:09
3/2/2008 2:20	3/2/2008 2:20	3/2/2008 2:30	3/2/2008 4:00
2/21/2008 14:00	2/21/2008 14:00	2/21/2008 14:15	2/21/2008 14:45
3/3/2008 11:15	3/3/2008 11:15	3/3/2008 11:30	3/3/2008 12:00
3/6/2008 13:15	3/6/2008 13:15	3/6/2008 13:30	3/6/2008 13:40
3/19/2008 13:30	3/19/2008 13:30	3/19/2008 14:00	3/19/2008 15:00
3/20/2008 16:50	3/20/2008 16:50	3/20/2008 17:35	3/20/2008 17:55
3/22/2008 20:50	3/22/2008 20:48	3/22/2008 21:05	3/22/2008 22:00
3/27/2008 11:20	3/27/2008 11:20	3/27/2008 11:35	3/27/2008 11:40
3/21/2008 17:30	3/21/2008 17:30	3/21/2008 18:00	3/21/2008 21:00
4/14/2008 9:15	4/14/2008 9:16	4/14/2008 9:22	4/14/2008 9:26
5/2/2008 8:45	5/2/2008 8:45	5/2/2008 8:50	5/2/2008 9:50
5/25/2008 14:30	5/25/2008 14:30	5/25/2008 15:15	5/25/2008 16:45
5/24/2008 17:15	5/24/2008 17:20	5/24/2008 17:30	5/24/2008 17:45
5/27/2008 8:15	5/27/2008 8:19	5/27/2008 8:55	5/27/2008 8:57
5/22/2008 7:00	5/22/2008 7:00	5/22/2008 7:10	5/22/2008 7:15
6/19/2008 8:00	6/19/2008 8:00	6/19/2008 8:10	6/19/2008 8:20
6/8/2008 9:55	6/8/2008 9:55	6/8/2008 10:26	6/8/2008 11:25
7/4/2008 15:50	7/4/2008 15:50	7/4/2008 16:00	7/4/2008 17:00
7/5/2008 19:45	7/5/2008 19:45	7/5/2008 21:55	7/5/2008 22:45
7/5/2008 19:45	7/5/2008 19:45	7/5/2008 20:00	7/5/2008 20:00
7/17/2008 13:00	7/17/2008 13:10	7/17/2008 13:15	7/17/2008 13:20
7/17/2008 17:00	7/17/2008 17:00	7/17/2008 17:00	7/17/2008 17:30
7/21/2008 6:30	7/21/2008 6:30	7/21/2008 6:45	7/21/2008 7:05
7/24/2008 9:30	7/24/2008 9:30	7/24/2008 9:30	7/24/2008 10:00
7/18/2008 9:30	7/18/2008 9:35	7/18/2008 9:50	7/18/2008 10:00
7/25/2008 12:00	7/25/2008 12:00	7/25/2008 12:10	7/25/2008 12:30
7/29/2008 13:35	7/29/2008 13:35	7/29/2008 14:00	7/29/2008 14:30
8/4/2008 8:08	8/4/2008 8:08	8/4/2008 8:38	8/4/2008 8:41
8/10/2008 9:17	8/10/2008 9:17	8/10/2008 9:30	8/10/2008 9:40
9/5/2008 13:30	9/5/2008 13:30	9/5/2008 13:45	9/5/2008 17:00
9/11/2008 9:00	9/11/2008 9:00	9/11/2008 9:00	9/11/2008 9:15
9/12/2008 11:07	9/12/2008 11:08	9/12/2008 11:20	9/12/2008 11:30
9/11/2008 18:30	9/11/2008 18:30	9/11/2008 19:00	9/11/2008 19:20
9/13/2008 14:00	9/13/2008 14:15	9/13/2008 15:30	9/13/2008 17:00
9/15/2008 8:55	9/15/2008 9:57	9/15/2008 9:00	9/15/2008 9:05
9/16/2008 8:00	9/16/2008 8:00	9/16/2008 8:55	9/16/2008 9:55
9/17/2008 18:00	9/17/2008 18:00	9/17/2008 18:00	9/17/2008 20:00
9/23/2008 7:55	9/23/2008 7:55	9/23/2008 8:10	9/23/2008 8:40
9/20/2008 9:00	9/20/2008 9:00	9/20/2008 9:00	9/20/2008 10:00
9/25/2008 14:20	9/25/2008 14:20	9/25/2008 14:20	9/25/2008 14:30
9/26/2008 7:08	9/26/2008 7:08	9/26/2008 7:16	9/26/2008 7:27
9/27/2008 12:00	9/27/2008 12:00	9/27/2008 12:50	9/27/2008 13:45
10/3/2008 19:00	10/3/2008 19:00	10/3/2008 19:30	10/3/2008 20:30
10/26/2008 13:45	10/26/2008 13:45	10/26/2008 14:00	10/26/2008 14:04
10/21/2008 8:45	10/21/2008 8:50	10/21/2008 9:03	10/21/2008 9:15
10/27/2008 19:30	10/27/2008 19:30	10/27/2008 19:45	10/27/2008 19:55
10/26/2008 18:45	10/26/2008 19:00	10/26/2008 19:45	10/26/2008 19:45
10/26/2008 11:30	10/26/2008 11:30	10/26/2008 11:30	10/26/2008 12:30
11/1/2008 18:45	11/1/2008 18:45	11/1/2008 19:00	11/1/2008 22:00
11/5/2008 9:55	11/5/2008 9:55	11/5/2008 9:59	11/5/2008 10:07
11/12/2008 13:55	11/12/2008 13:55	11/12/2008 13:55	11/12/2008 14:55
11/19/2008 8:30	11/19/2008 8:30	11/19/2008 8:50	11/19/2008 9:15
11/8/2008 10:30	11/8/2008 10:30	11/8/2008 10:30	11/8/2008 11:00
12/5/2008 15:30	12/5/2008 15:30	12/5/2008 15:30	12/5/2008 16:00

Root intrusion
Root intrusion
Grease deposition (FOG)
Root intrusion
Root intrusion
Other (specify below)
Debris
Root intrusion
Debris
Other (specify below)
Grease deposition (FOG)
Root intrusion
Root intrusion
Root intrusion
Other (specify below)
Other (specify below)
Root intrusion
Root intrusion
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Other (specify below)
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Other (specify below)
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Root intrusion
Other (specify below)
Other (specify below)
Root intrusion
Other (specify below)
Root intrusion
Root intrusion
Other (specify below)

Paper

also handi-wipes

grit/gravel

Grit/Gravel

Grit/Gravel

Paper

Paper

Unknown

Paper

Paper

Clothing

Grit/Gravel

Paper

Paper

Unknown

Paper

also paper

Unknown

Unknown

Unknown

also grease

Paper

Main

6 clay

Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Restored flow
Contained all or portion of spill;Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanit
Restored flow
Contained all or portion of spill
Restored flow
Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Restored flow
Restored flow
Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Restored flow;Returned all or portion of spill to sanitary sewer system
Restored flow
Restored flow
Other (specify below)
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
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Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
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Cleaned-up (mitigated effects of spill);Restored flow
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Cleaned-up (mitigated effects of spill);Restored flow
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Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Restored flow
Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Restored flow
Restored flow
Returned all or portion of spill to sanitary sewer system
Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Restored flow;Other (specify below)
Restored flow

Evidence of overflow, but no overflow upon arrival. Rodded manhole VB2 to VB1

washed down gutter & cleaned storm drain

3/19/2008 15:00
3/20/2008 18:00

11/8/2008 11:00

Added sewer to preventive maintenance program
Added sewer to preventive maintenance program

Added sewer to preventive maintenance program

No
Yes

No

clear

No
Yes

No

N/A
NA

N/A

N/A
Arroyo Corte Madera del Presidio

N/A

Not applicable to this spill
Other (specify below)

Not applicable to this spill

Samples not yet collected at the time of this report

None of the above
None of the above

Not applicable to this spill

82216

3/20/2008 18:30

2SSO10154	Active	730573 Jill Barnes	Certified
2SSO10154	Active	730662 Jill Barnes	Certified
2SSO10154	Active	730681 Jill Barnes	Certified
2SSO10154	Active	730992 Jill Barnes	Certified
2SSO10154	Active	731037 Jill Barnes	Certified
2SSO10154	Active	731776 Jill Barnes	Certified
2SSO10154	Active	732143 Jill Barnes	Certified
2SSO10154	Active	732511 Jill Barnes	Certified
2SSO10154	Active	732636 Jill Barnes	Certified
2SSO10154	Active	732641 Jill Barnes	Certified
2SSO10154	Active	732741 Jill Barnes	Certified
2SSO10154	Active	732836 Jill Barnes	Certified
2SSO10154	Active	732850 Jill Barnes	Certified
2SSO10154	Active	732912 Jill Barnes	Certified
2SSO10154	Active	732913 Jill Barnes	Certified
2SSO10154	Active	732978 Jill Barnes	Certified
2SSO10154	Active	733264 Jill Barnes	Certified
2SSO10154	Active	733493 Jill Barnes	Certified
2SSO10154	Active	734203 Jill Barnes	Certified
2SSO10154	Active	734967 Jill Barnes	Certified
2SSO10154	Active	735531 Jill Barnes	Certified
2SSO10154	Active	735588 Jill Barnes	Certified
2SSO10154	Active	735712 Jill Barnes	Certified
2SSO10154	Active	736018 Jill Barnes	Certified
2SSO10154	Active	736019 Jill Barnes	Certified
2SSO10154	Active	736149 Jill Barnes	Certified
2SSO10154	Active	736611 Jill Barnes	Certified
2SSO10154	Active	737228 Jill Barnes	Certified
2SSO10154	Active	737259 Jill Barnes	Certified
2SSO10154	Active	737304 Jill Barnes	Certified
2SSO10154	Active	738019 Jill Barnes	Certified
2SSO10154	Active	738886 Jill Barnes	Certified
2SSO10154	Active	739996 Jill Barnes	Certified
2SSO10154	Active	741327 Jill Barnes	Certified
2SSO10154	Active	743165 Jill Barnes	Certified
2SSO10154	Active	743586 Jill Barnes	Certified
2SSO10154	Active	745392 Jill Barnes	Certified
2SSO10154	Active	745393 Jill Barnes	Certified
2SSO10154	Active	745910 Jill Barnes	Certified
2SSO10154	Active	745911 Jill Barnes	Certified
2SSO10154	Active	745912 Jill Barnes	Certified
2SSO10154	Active	746167 Jill Barnes	Certified
2SSO10154	Active	746169 Jill Barnes	Certified
2SSO10154	Active	746171 Jill Barnes	Certified
2SSO10154	Active	746429 Jill Barnes	Certified
2SSO10154	Active	746794 Jill Barnes	Certified
2SSO10154	Active	746990 Jill Barnes	Certified
2SSO10154	Active	747031 Jill Barnes	Certified
2SSO10154	Active	747337 Jill Barnes	Certified
2SSO10154	Active	747645 Jill Barnes	Certified
2SSO10154	Active	747736 Jill Barnes	Certified
2SSO10154	Active	747944 Jill Barnes	Certified
2SSO10154	Active	748055 Jill Barnes	Certified
2SSO10154	Active	748409 Jill Barnes	Certified
2SSO10154	Active	749413 Jill Barnes	Certified

[illegible]

Mill Valley, CA	395872
Mill Valley, CA	557970
Mill Valley	394496
Mill Valley, CA	633698
Mill Valley, CA	641667
Mill Valley, CA	466723
Mill Valley, CA	879984
Mill Valley, CA	517606
Mill Valley, CA	311952
Mill Valley, CA	708147
Mill Valley, CA	726510
Mill Valley, CA	751271
Corte Madera, CA	845282
Mill Valley, CA	516104
Mill Valley, CA	337450
Mill Valley, CA	575550
Mill Valley, CA	113286
Mill Valley, CA	603665
Mill Valley, CA	699658
Mill Valley, CA	601227
Mill Valley, CA	356519
Mill Valley, CA	133890
Mill Valley, CA	750824
Mill Valley, CA	787511
Mill Valley, CA	102789
Mill Valley, CA	883519
Mill Valley, CA	349661
Mill Valley, CA	139499
Mill Valley, CA	406890
Mill Valley, CA	855426
Mill Valley, CA	119050
Mill Valley, CA	428230
Mill Valley, CA	356839
Mill Valley, CA	835012
Mill Valley, CA	857504
Mill Valley, CA	291906
Mill Valley, CA	386619
Mill Valley, CA	257168
Mill Valley, CA	162001
Mill Valley, CA	701304
Mill Valley, CA	223384
Mill Valley, CA	535245
Mill Valley, CA	587283
Mill Valley, CA	909491
Mill Valley, CA	612636
Mill Valley, CA	258420
Mill Valley, CA	144036
Mill Valley	459980
Mill Valley, CA	806952
Mill Valley, CA	708272
Mill Valley, CA	464133
Mill Valley	480098
Mill Valley	286545
Mill Valley	250601
Mill Valley	248929

15-Dec-08	19-Dec-08	12/19/2008
17-Dec-08	19-Dec-08	12/19/2008
18-Dec-08	19-Dec-08	12/19/2008
22-Dec-08	20-Jan-09	1/20/2009
23-Dec-08	20-Jan-09	1/20/2009
13-Jan-09	20-Jan-09	1/20/2009
20-Jan-09	20-Jan-09	1/20/2009
26-Jan-09	7-Apr-09	4/7/2009
27-Jan-09	7-Apr-09	4/7/2009
27-Jan-09	7-Apr-09	4/7/2009
28-Jan-09	7-Apr-09	4/7/2009
30-Jan-09	7-Apr-09	4/7/2009
31-Jan-09	31-Jan-09	1/31/2009
2-Feb-09	7-Apr-09	4/7/2009
2-Feb-09	7-Apr-09	4/7/2009
3-Feb-09	7-Apr-09	4/7/2009
9-Feb-09	7-Apr-09	4/7/2009
12-Feb-09	7-Apr-09	4/7/2009
26-Feb-09	7-Apr-09	4/7/2009
16-Mar-09	7-Apr-09	4/7/2009
26-Mar-09	7-Apr-09	4/7/2009
27-Mar-09	7-Apr-09	4/7/2009
30-Mar-09	7-Apr-09	4/7/2009
7-Apr-09	7-Apr-09	4/7/2009
7-Apr-09	10-Apr-09	12/2/2010
9-Apr-09	10-Apr-09	4/10/2009
22-Apr-09	29-Apr-09	4/29/2009
8-May-09	2-Dec-10	12/2/2010
9-May-09	9-May-09	5/9/2009
11-May-09	27-May-09	5/27/2009
27-May-09	27-May-09	5/27/2009
10-Jun-09	6-Oct-09	10/6/2009
25-Jun-09	6-Oct-09	10/6/2009
16-Jul-09	6-Oct-09	10/6/2009
17-Aug-09	6-Oct-09	10/6/2009
24-Aug-09	6-Oct-09	10/6/2009
6-Oct-09	12-Oct-09	10/12/2009
6-Oct-09	12-Oct-09	10/12/2009
21-Oct-09	29-Dec-09	12/29/2009
21-Oct-09	29-Dec-09	12/29/2009
21-Oct-09	29-Dec-09	12/29/2009
27-Oct-09	29-Dec-09	12/29/2009
27-Oct-09	29-Dec-09	12/29/2009
27-Oct-09	29-Dec-09	12/29/2009
2-Nov-09	29-Dec-09	12/29/2009
16-Nov-09	29-Dec-09	12/29/2009
23-Nov-09	29-Dec-09	12/29/2009
24-Nov-09	13-Aug-10	8/13/2010
7-Dec-09	29-Dec-09	12/29/2009
18-Dec-09	29-Dec-09	12/29/2009
22-Dec-09	29-Dec-09	12/29/2009
29-Dec-09	13-Aug-10	8/13/2010
31-Dec-09	13-Aug-10	8/13/2010
19-Jan-10	13-Aug-10	8/13/2010
17-Feb-10	13-Aug-10	8/13/2010

Category 3	150	150
Category 3	5	0
Category 3	20	0
Category 3	325	0
Category 3	20	0
Category 3	150	0
Category 3	5	0
Category 3	75	0
Category 3	500	0
Category 3	375	0
Category 3	25	2
Category 3	25	0
Category 1	1000	0
Category 3	850	0
Category 3	200	0
Category 3	240	0
Category 3	70	0
Category 3	100	0
Category 3	25	0
Category 3	1	0
Category 3	375	0
Category 3	25	0
Category 3	100	0
Category 3	25	0
Category 1	50	40
Category 2	1500	1500
Category 3	20	0
Category 3	450	0
Category 1	1750	0
Category 3	20	0
Category 3	150	0
Category 3	375	0
Category 3	20	0
Category 3	200	0
Category 3	30	0
Category 3	225	0
Category 3	30	0
Category 1	1000	0
Category 3	25	0
Category 3	75	0
Category 3	100	0
Category 3	50	0
Category 3	150	0
Category 3	40	0
Category 3	300	250
Category 3	5	0
Category 3	35	0
Category 3	100	0
Category 3	25	0
Category 3	5	0
Category 3	285	0
Category 3	5	0
Category 3	10	0
Category 3	360	0
Category 3	20	0

0 No	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	Yes
0 No	No
1000 Yes	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
10 No	Yes
0 No	No
0 No	No
0 No	No
1750 Yes	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
1000 Yes	No
0 No	No
0 No	No
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0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No

[illegible][illegible][illegible]

Underhill Rd @ Coach Rd
52 Longfellow Dr
395 Marion Ave
75 Mirabel Ave
122 Bolsa Ave
325 Tamalpais Ave
172 Oakdale Ave
561 Summit Ave
561 Summit Ave
280 Buena Vista Ave
5 Monte Vista Ave
Bernard Stairs
49 Cascade Drive
Molino Avenue @ Mirabel Avenue
55 Cascade Dr
401 Summit Ave
278 Summit Ave
16 Glen Drive
36 Hillcrest Road
85 Fairway Drive
59 Wildomar Street
7 Beverly Terrace
40 Molino Avenue
Beverly Terrace
172 Kipling Dr
342 W Blithedale Ave
60 Hazel Ave
10 Lockwood Lane
342 W. Blithedale
20 Elaine Ave
16 Underhill Road
10 Lower Dr
410 Lovell Ave
211 Helens Lane
16 Glen Drive
110 Tamalpais Ave
110 Shelley Drive
224 Corte Madera
5 Monte Vista Ave
370 Marion Ave
775 Redwood Hwy
65 Kipling Drive
15 Elinor Ave
2 Shelley Dr
759 E. Blithedale Ave
6 Wainwright Pl
466 Summit Avenue
30 Bayview Ave
Throckmorton Ave @ Old Mill Street
80 Cypress Ave
275 Summit Ave
W. Blithedale Ave./Marguerite Ave.
335 Molino Ave.
312 Oakdale Ave
99 Hillside Ave

37.913847	122.521167 Marin
37.901792	122.5232 Marin
37.902289	122.553069 Marin
37.900469	122.544522 Marin
37.911167	122.543561 Marin
37.913453	122.558564 Marin
37.909369	122.542178 Marin
37.916158	-122.558858 Marin
37.916411	-122.558547 Marin
37.909764	-122.538228 Marin
37.9058	-122.559014 Marin
37.907272	-122.549825 Marin
37.905306	122.55435 Marin
37.900178	-122.544786 Marin
37.905067	-122.554706 Marin
37.91225	-122.555964 Marin
37.910686	-122.553717 Marin
37.916364	-122.538911 Marin
37.908033	-122.539503 Marin
37.912003	-122.533817 Marin
37.902244	-122.548972 Marin
37.912714	-122.553617 Marin
37.905592	-122.546461 Marin
37.912714	-122.553617 Marin
37.899058	-122.522389 Marin
37.917386	-122.552589 Marin
37.902639	-122.555736 Marin
37.902031	-122.549914 Marin
37.917386	-122.552589 Marin
37.916025	-122.5549 Marin
37.912322	-122.524342 Marin
37.913661	-122.522597 Marin
37.912989	-122.559308 Marin
37.902489	-122.551669 Marin
37.916364	-122.538911 Marin
37.909558	-122.553594 Marin
37.902075	-122.524222 Marin
37.91316	-122.55142 Marin
37.905794	-122.559239 Marin
37.902192	-122.554083 Marin
37.899625	-122.516133 Marin
37.902517	-122.520317 Marin
37.908478	-122.540728 Marin
37.903233	-122.520394 Marin
37.903281	-122.524489 Marin
37.907783	-122.562439 Marin
37.913519	-122.557428 Marin
37.907492	-122.549397 Marin
37.905442	-122.552533 Marin
37.903433	-122.561603 Marin
37.910014	-122.554008 Marin
37.90604	-122.54498 Marin
37.90022	-122.54394 Marin
37.907322	-122.541769 Marin
37.907933	-122.545108 Marin

[illegible]

MH H20A

french drain in backyard at 224 Corte Madera

Sewage flowing in street
6 Rod Hole

Manhole
Manhole
Manhole
Manhole
Other (specify)
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Other (specify)
Manhole
Manhole
Manhole
Other (specify)
Manhole
Manhole
Other (specify)
Other sewer system structure
Manhole
Manhole
Manhole
Other (specify)
Other (specify)
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Other (specify)
Other (specify)
Manhole
Manhole
Other (specify)
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Other sewer system structure
Manhole
Manhole
Manhole
Other (specify)
Other sewer system structure
Manhole
Manhole

SB1
VD4

CC6
hillside
G32
NA4E
G39
G39
L38

Out of ground

CC6
D9
Clean out
G14
L50
Clean out
Clean out
FK6
HGH6
FK5
clean out
Clean out
H20A
DB5
FL1

10A
R11

D19
FH12
L50
FG7
Clean out
french drain in backyard
DE5
DA8
plumbing inside building
VG3
Y9
V11
V7
D20B
G32
UNK101 - clean out
FD9
DE29, also rod-hole
G14
Clean Out

NB1
JA5

Storm drain
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Storm drain
Unpaved surface
Surface water
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Unpaved surface
Street/curb and gutter
Unpaved surface
Unpaved surface
Unpaved surface
Street/curb and gutter
Unpaved surface
Separate storm drain;Street/curb and gutter
Unpaved surface
Unpaved surface
Unpaved surface
Surface water
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Storm drain;Unpaved surface
Unpaved surface
Surface water
Unpaved surface
Unpaved surface
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Other (specify below)
Other (specify below)
Unpaved surface
Street/curb and gutter

Yard/land

Dirt Channel
Yard/Land

12/14/2008 7:30	12/14/2008 7:30	12/14/2008 8:00	12/14/2008 8:30
12/8/2008 12:00	12/8/2008 12:00	12/8/2008 12:00	12/8/2008 12:15
12/17/2008 13:00	12/17/2008 13:15	12/17/2008 14:08	12/17/2008 14:12
12/22/2008 10:50	12/22/2008 10:52	12/22/2008 11:00	12/22/2008 11:13
12/19/2008 15:20	12/19/2008 15:25	12/19/2008 15:45	12/19/2008 16:15
1/9/2009 8:50	1/9/2009 8:50	1/9/2009 9:00	1/9/2009 9:30
1/16/2009 15:00	1/16/2009 15:30	1/16/2009 15:30	1/16/2009 16:30
1/22/2009 10:20	1/22/2009 10:20	1/22/2009 10:30	1/22/2009 10:45
1/26/2009 14:30	1/26/2009 14:30	1/26/2009 14:45	1/26/2009 15:05
1/27/2009 8:00	1/27/2009 8:00	1/27/2009 8:15	1/27/2009 8:30
1/22/2009 20:40	1/22/2009 20:40	1/22/2009 21:00	1/22/2009 21:15
1/30/2009 8:30	1/30/2009 8:30	1/30/2009 8:40	1/30/2009 8:45
1/31/2009 15:00	1/31/2009 15:00	1/31/2009 16:00	1/31/2009 17:05
1/31/2009 15:40	1/31/2009 15:40	1/31/2009 16:30	1/31/2009 18:30
2/1/2009 11:00	2/1/2009 11:00	2/1/2009 11:10	2/1/2009 11:45
2/1/2009 15:44	2/1/2009 15:44	2/1/2009 15:44	2/1/2009 17:44
2/9/2009 8:55	2/9/2009 8:57	2/9/2009 9:06	2/9/2009 9:20
2/12/2009 10:00	2/12/2009 10:30	2/12/2009 11:10	2/12/2009 11:30
2/25/2009 7:30	2/25/2009 7:30	2/25/2009 8:00	2/25/2009 9:00
3/13/2009 13:15	3/13/2009 13:15	3/13/2009 13:30	3/13/2009 14:30
3/26/2009 9:48	3/26/2009 9:48	3/26/2009 10:15	3/26/2009 10:30
3/26/2009 13:35	3/26/2009 13:35	3/26/2009 13:50	3/26/2009 13:55
3/28/2009 15:00	3/28/2009 15:00	3/28/2009 15:26	3/28/2009 15:45
3/30/2009 13:15	3/30/2009 13:15	3/30/2009 13:30	3/30/2009 13:35
4/2/2009 22:45	4/2/2009 22:45	4/2/2009 23:00	4/2/2009 23:25
4/4/2009 9:35	4/4/2009 9:38	4/4/2009 10:05	4/4/2009 11:04
4/22/2009 8:05	4/22/2009 8:05	4/22/2009 8:31	4/22/2009 8:35
5/7/2009 9:45	5/7/2009 9:50	5/7/2009 10:00	5/7/2009 10:45
5/9/2009 9:00	5/9/2009 9:00	5/9/2009 9:30	5/9/2009 10:05
5/10/2009 11:30	5/10/2009 11:30	5/10/2009 11:45	5/10/2009 12:00
5/19/2009 11:00	5/19/2009 11:00	5/19/2009 11:00	5/19/2009 11:30
6/10/2009 8:30	6/10/2009 8:30	6/10/2009 9:00	6/10/2009 9:15
6/25/2009 11:50	6/25/2009 11:50	6/25/2009 12:10	6/25/2009 12:14
7/15/2009 14:45	7/15/2009 14:50	7/15/2009 15:15	7/15/2009 15:35
8/17/2009 8:05	8/17/2009 8:05	8/17/2009 8:30	8/17/2009 8:36
8/22/2009 10:15	8/22/2009 10:15	8/22/2009 10:40	8/22/2009 11:00
10/5/2009 9:40	10/5/2009 9:40	10/5/2009 10:00	10/5/2009 10:30
9/17/2009 8:00	9/21/2009 8:30	9/21/2009 9:00	9/25/2009 15:00
10/19/2009 9:50	10/19/2009 9:50	10/19/2009 10:15	10/19/2009 10:20
10/19/2009 14:45	10/19/2009 14:46	10/19/2009 14:58	10/19/2009 15:13
10/19/2009 18:10	10/19/2009 18:10	10/19/2009 18:15	10/19/2009 18:35
10/25/2009 18:30	10/25/2009 18:30	10/25/2009 18:30	10/25/2009 19:45
10/26/2009 10:40	10/26/2009 10:41	10/26/2009 10:55	10/26/2009 11:10
10/26/2009 15:57	10/26/2009 16:05	10/26/2009 16:45	10/26/2009 16:45
11/2/2009 8:15	11/2/2009 8:16	11/2/2009 8:30	11/2/2009 8:40
11/12/2009 10:30	11/12/2009 10:30	11/12/2009 11:45	11/12/2009 12:25
11/23/2009 9:55	11/23/2009 9:55	11/23/2009 10:24	11/23/2009 10:31
11/24/2009 8:27	11/24/2009 8:27	11/24/2009 8:57	11/24/2009 9:07
12/3/2009 12:10	12/3/2009 12:10	12/3/2009 12:40	12/3/2009 12:45
12/13/2009 13:50	12/13/2009 13:50	12/13/2009 14:18	12/13/2009 14:25
12/21/2009 12:55	12/21/2009 12:55	12/21/2009 13:43	12/21/2009 14:02
12/26/2009 10:26	12/26/2009 10:00	12/26/2009 11:30	12/26/2009 11:45
12/30/2009 4:15	12/30/2009 4:15	12/30/2009 4:15	12/30/2009 5:15
1/17/2010 18:15	1/17/2010 18:15	1/17/2010 18:15	1/18/2010 12:30
2/10/2010 10:23	2/10/2010 10:25	2/10/2010 11:00	2/10/2010 11:20

also paper
Unknown

Paper

Grit/Gravel

Paper products (baby wipes)

and grease

Grease

also paper

also paper

also paper

Paper, wipes
also paper

also, grit/gravel

also dirt

Grit/gravel & baby wipes

Other (specify below)

Main

Main
Main

Main

Other (specify below)
Other (specify below)

Separated 6 line; repaired

D19
FH12
L50
FG7
VC1

DE5
DA8

VG3
Y9
V11
V7
D20B
G32
UNK101
FD9
DE29
G14
Plastic Pipe
Cleanout
NB1

4 plastic

6 clay

4 Plastic
6 Clay

Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Restored flow
Restored flow
Cleaned-up (mitigated effects of spill);Returned all or portion of spill to sanitary sewer system
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow;Other (specify below)
Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow;Returned all or portion of spill to sanitary sewer system
Restored flow
Inspected sewer using CCTV to determine cause
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill);Restored flow;Other (specify below)
Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill);Restored flow
Cleaned-up (mitigated effects of spill)
Cleaned-up (mitigated effects of spill);Restored flow
Restored flow
Restored flow
Restored flow
Restored flow

hydro storm drain

From: Tom Welch, MV Firefighter /Paramedic Sent: Sat 4/4/2009 10:41 AM To: James Powell, DPW Superintendent C

Pumped standing water

1/22/2009 21:15

1/31/2009 19:30

4/2/2009 23:25

4/4/2009 11:04

5/9/2009 10:05

9/25/2009 15:00

Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program

Plan rehabilitation or replacement of sewer

No

Yes

No

No

No

Yes

No

Yes

No

No

Yes

Yes

NA

Old Mill Park

N/A

N/A

NA

Miller Redwood Grove

NA

Old Mill Creek

N/A

N/A

Arroyo Corte Madera del Presidio

Arroyo Corte Madera del Presidio

Not applicable to this spill

Other chemical indicator(s) - specify below

Not applicable to this spill

Not applicable to this spill

Biological indicator(s) - specify below

Biological indicator(s) - specify below

Coliform bacteria, Ammonia

Fecal coliform, e. coli, total coliform, enterococcus

total coliform, e. coli, enterococcus

Not applicable to this spill

None of the above

Not applicable to this spill

Not applicable to this spill

County Health Agency

County Health Agency

90940 1/31/2009 19:09

93552 5/9/2009 12:28

96554 9/26/2009 18:11

2SSO10154	Active	749780 Jill Barnes	Certified
2SSO10154	Active	751796 Jill Barnes	Certified
2SSO10154	Active	751821 Jill Barnes	Certified
2SSO10154	Active	751991 Jill Barnes	Certified
2SSO10154	Active	753460 Jill Barnes	Certified
2SSO10154	Active	754049 Jill Barnes	Certified
2SSO10154	Active	755225 Jill Barnes	Certified
2SSO10154	Active	755228 Jill Barnes	Certified
2SSO10154	Active	755535 Jill Barnes	Certified
2SSO10154	Active	756046 Jill Barnes	Certified
2SSO10154	Active	756527 Jill Barnes	Certified
2SSO10154	Active	756679 Jill Barnes	Certified
2SSO10154	Active	757204 Jill Barnes	Certified
2SSO10154	Active	757208 Jill Barnes	Certified
2SSO10154	Active	757261 Jill Barnes	Certified
2SSO10154	Active	757483 Jill Barnes	Certified
2SSO10154	Active	758207 Jill Barnes	Certified
2SSO10154	Active	758333 Jill Barnes	Certified
2SSO10154	Active	758930 Jill Barnes	Certified
2SSO10154	Active	759013 Jill Barnes	Certified
2SSO10154	Active	759448 Jill Barnes	Certified
2SSO10154	Active	759636 Jill Barnes	Certified
2SSO10154	Active	761320 Jill Barnes	Certified
2SSO10154	Active	761321 Jill Barnes	Certified
2SSO10154	Active	761514 Jill Barnes	Certified
2SSO10154	Active	763872 Jill Barnes	Certified
2SSO10154	Active	763919 Jill Barnes	Certified
2SSO10154	Active	765202 Jill Barnes	Certified
2SSO10154	Active	765581 Jill Barnes	Certified
2SSO10154	Active	765694 Jill Barnes	Certified
2SSO10154	Active	767151 Jill Barnes	Certified
2SSO10154	Active	770950 Jill Barnes	Certified
2SSO10154	Active	771532 Jill Barnes	Certified
2SSO10154	Active	771533 Jill Barnes	Certified
2SSO10154	Active	771909 Bianca Gomez	Certified
2SSO10154	Active	771928 Bianca Gomez	Certified
2SSO10154	Active	773342 Bianca Gomez	Certified
2SSO10154	Active	776582 Bianca Gomez	Certified
2SSO10154	Active	776588 Bianca Gomez	Certified
2SSO10154	Active	778117 Bianca Gomez	Certified
2SSO10154	Active	778430 Bianca Gomez	Certified
2SSO10154	Active	778434 Bianca Gomez	Certified
2SSO10154	Active	778730 Bianca Gomez	Certified
2SSO10154	Active	778732 Bianca Gomez	Certified
2SSO10154	Active	779070 Bianca Gomez	Certified
2SSO10154	Active	779808 Bianca Gomez	Certified
2SSO10154	Active	780034 Bianca Gomez	Certified
2SSO10154	Active	780156 Bianca Gomez	Certified
2SSO10154	Active	781974 Bianca Gomez	Certified
2SSO10154	Active	784325 Bianca Gomez	Certified
2SSO10154	Active	784961 Bianca Gomez	Certified
2SSO10154	Active	785349 Bianca Gomez	Certified
2SSO10154	Active	785351 Bianca Gomez	Certified
2SSO10154	Active	785430 Bianca Gomez	Certified
2SSO10154	Active	786150 Bianca Gomez	Certified

Acting City Engineer
Acting City Engineer
Acting City Engineer
Acting City Engineer
Acting City Engineer
Acting City Engineer
Acting City Engineer
Acting City Engineer
Acting City Engineer
Acting City Engineer
Acting City Engineer
Acting City Engineer
Acting City Engineer
Acting City Engineer
Acting City Engineer
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Senior Civil Engineer
Director of Public Works
Director of Public Works
Director of Public Works
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Associate Engineer
Associate Engineer
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Associate Engineer
Associate Engineer
Associate Engineer

Mill Valley	656511
Mill Valley	426626
Mill Valley	595944
Mill Valley	239220
Mill Valley	781622
Mill Valley	594947
Mill Valley	303956
Mill Valley	715113
Mill Valley	300543
Mill Valley	214044
Mill Valley	891942
Mill Valley	770852
Mill Valley	693803
Mill Valley	459811
Mill Valley	432152
Mill Valley, CA	576184
Mill Valley, CA	523977
Mill Valley, CA	832227
Mill Valley, CA	353509
Mill Valley, CA	436552
Mill Valley, CA	227753
Mill Valley, CA	165658
Mill Valley, CA	249859
Mill Valley, CA	690500
Mill Valley, CA	950204
Mill Valley, CA	475331
Mill Valley, CA	244540
Mill Valley, CA	817644
Mill Valley, CA	555351
Mill Valley, CA	605105
Mill Valley, CA	113056
Mill Valley, CA	403958
Mill Valley, CA	719813
Mill Valley, CA	670539
City of Mill Valley	982586
City of Mill Valley	486478
City of Mill Valley	563808
City of Mill Valley	801904
City of Mill Valley	666156
City of Mill Valley	402995
City of Mill Valley	837251
City of Mill Valley	956383
City of Mill Valley	962103
City of Mill Valley	244653
City of Mill Valley	475699
City of Mill Valley	387029
City of Mill Valley	615543
City of Mill Valley	206097
City of Mill Valley	990438
City of Mill Valley	173001
City of Mill Valley	634047
City of Mill Valley	908276
City of Mill Valley	567865
City of Mill Valley	169699
City of Mill Valley	288944

24-Feb-10		13-Aug-10	8/13/2010
20-Apr-10		13-Aug-10	8/13/2010
21-Apr-10		13-Aug-10	8/13/2010
27-Apr-10		13-Aug-10	8/13/2010
16-Jun-10	6/16/2010	13-Aug-10	8/13/2010
28-Jun-10	6/28/2010	13-Aug-10	8/13/2010
19-Jul-10	7/19/2010	13-Aug-10	8/13/2010
19-Jul-10	7/19/2010	13-Aug-10	8/13/2010
28-Jul-10	7/28/2010	13-Aug-10	8/13/2010
16-Aug-10	8/16/2010	6-Oct-10	10/6/2010
1-Sep-10	9/1/2010	6-Oct-10	10/6/2010
9-Sep-10	9/9/2010	6-Oct-10	10/6/2010
28-Sep-10	9/28/2010	6-Oct-10	10/6/2010
28-Sep-10	9/28/2010	6-Oct-10	10/6/2010
30-Sep-10	9/30/2010	6-Oct-10	10/6/2010
11-Oct-10	10/11/2010	2-Dec-10	12/2/2010
28-Oct-10	10/28/2010	2-Dec-10	12/2/2010
2-Nov-10	11/2/2010	2-Dec-10	12/2/2010
29-Nov-10	11/29/2010	2-Dec-10	12/2/2010
1-Dec-10	12/1/2010	2-Dec-10	12/2/2010
16-Dec-10	12/16/2010	27-Sep-11	9/27/2011
20-Dec-10	12/20/2010	27-Sep-11	9/27/2011
14-Jan-11	1/14/2011	27-Sep-11	9/27/2011
14-Jan-11	1/14/2011	27-Sep-11	9/27/2011
20-Jan-11	1/20/2011	27-Sep-11	9/27/2011
28-Feb-11	2/28/2011	27-Sep-11	9/27/2011
1-Mar-11	3/1/2011	27-Sep-11	9/27/2011
6-Apr-11	4/6/2011	27-Sep-11	9/27/2011
18-Apr-11	4/18/2011	27-Sep-11	9/27/2011
21-Apr-11	4/21/2011	27-Sep-11	9/27/2011
3-Jun-11	6/3/2011	27-Sep-11	9/27/2011
13-Sep-11	9/13/2011	27-Sep-11	9/27/2011
27-Sep-11	9/27/2011	27-Sep-11	9/27/2011
27-Sep-11	9/27/2011	27-Sep-11	9/27/2011
10-Oct-11	10/10/2011	15-Mar-12	3/15/2012
11-Oct-11	10/11/2011	19-Mar-12	3/19/2012
21-Nov-11	12/20/2011	19-Mar-12	3/19/2012
30-Jan-12	1/30/2012	19-Mar-12	3/19/2012
30-Jan-12	1/30/2012	19-Mar-12	3/19/2012
28-Feb-12	2/28/2012	19-Mar-12	3/19/2012
6-Mar-12	3/6/2012	19-Mar-12	3/19/2012
6-Mar-12	3/6/2012	19-Mar-12	3/19/2012
15-Mar-12	3/15/2012	19-Mar-12	3/19/2012
15-Mar-12	3/15/2012	19-Mar-12	3/19/2012
23-Mar-12	3/23/2012	11-Apr-12	4/11/2012
9-Apr-12	4/9/2012	11-Apr-12	4/11/2012
12-Apr-12	4/12/2012	12-Apr-12	4/12/2012
16-Apr-12	4/16/2012	1-Jun-12	6/1/2012
6-Jun-12	6/6/2012	19-Sep-12	9/19/2012
30-Jul-12	7/30/2012	19-Sep-12	9/19/2012
9-Aug-12	8/9/2012	19-Sep-12	9/19/2012
21-Aug-12	8/21/2012	19-Sep-12	9/19/2012
21-Aug-12	8/21/2012	19-Sep-12	9/19/2012
22-Aug-12	8/22/2012	19-Sep-12	9/19/2012
12-Sep-12	9/12/2012	19-Sep-12	9/19/2012

Category 3	375	0
Category 3	300	0
Category 3	10	0
Category 3	10	0
Category 3	40	0
Category 3	200	0
Category 3	250	0
Category 3	700	0
Category 3	25	20
Category 3	300	0
Category 3	36	0
Category 3	12	0
Category 3	11	0
Category 3	25	0
Category 3	75	75
Category 3	5	0
Category 3	25	25
Category 3	100	0
Category 3	50	50
Category 3	10	0
Category 3	900	0
Category 3	600	0
Category 3	75	67
Category 3	225	200
Category 3	6	0
Category 3	50	0
Category 3	638	0
Category 3	25	18
Category 1	200	0
Category 3	50	0
Category 3	150	0
Category 3	15	0
Category 3	5	0
Category 3	10	0
Category 3	100	90
Category 3	25	0
Category 3	100	95
Category 3	60	60
Category 3	500	0
Category 3	150	0
Category 3	5	0
Category 3	515	0
Category 3	12	0
Category 3	105	0
Category 3	32	0
Category 3	75	75
Category 1	100	100
Category 3	20	0
Category 3	100	0
Category 3	60	0
Category 3	15	0
Category 3	25	0
Category 3	50	50
Category 3	10	0
Category 3	21	0

0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	Yes
0	No	No
0	No	No
0	No	No
0	No	Yes
0	No	No
0	No	Yes
0	No	No
0	No	Yes
0	No	No
0	No	No
0	No	No
0	No	Yes
0	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
200	Yes	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	Yes
0	No	No
0	No	Yes
0	No	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	Yes
90	Yes	Yes
0	No	No
0	No	No
0	No	No
0	No	No
0	No	No
0	No	Yes
0	No	No
0	No	No

[illegible]

Lockwood Lane
162 Hillside Ave
610 Summit Ave
Throckmorton Lane
280 Buena Vista Ave
5 Monte Vista Ave
262 Summit Ave
Bernard Street @ Lovell Avenue
240 Cascade Drive
30 Bayview Avenue
142 Lovell Avenue
190 Marion Avenue
45 W Blithedale Ave
45 W Blithedale Ave
50 Summit Ave
390 Marion Ave
Marion Avenue
31 Millside Lane
114 Ryan Ave., Mill Valley, CA 94941
45 Thalia Street
50 Underhill Road
5 Monte Vista Ave
132 Marion Ave
10 Laurel Street
145 Cascade Drive
67 Molino Ave
62 Molino Ave
286 Marion Ave
352 W. Blithedale Avenue
385 E. Blithedale Ave
14 Lower Drive
197 Corte Madera Avenue
5 Monte Vista Avenue
155 Buena Vista Avenue
1 Beverly Terrace
195 Ethel Avenue
35 Bernard Avenue
49 Roque Moraes Ct
Molino Avenue @ Florence Avenue
12 Oak Lane
100 Summit Avenue
40 Bayview Avenue
309 Magee Ave
18 Tamalpais Ave
12 Oak Lane Steps
360 Marion Avenue
Bernard Avenue @ Lovell Avenue
405 Summit Avenue
60 Monte Vista Avenue
220 Marion Avenue
190 Marion Ave
215 Tamalpais Avenue
45 Thalia Street
1 Sunrise Avenue
309 Magee Avenue

37.901928	-122.550317 Marin
37.908364	-122.543356 Marin
37.917086	-122.559789 Marin
37.910556	-122.559208 Marin
37.909542	-122.538147 Marin
37.905786	-122.559239 Marin
37.910744	-122.553253 Marin
37.906194	-122.551956 Marin
37.908756	-122.559878 Marin
37.907486	-122.549397 Marin
37.906972	-122.553536 Marin
37.904908	-122.557089 Marin
37.907928	-122.54755 Marin
37.907928	-122.54755 Marin
37.906625	-122.551156 Marin
37.901786	-122.553561 Marin
37.902506	-122.553481 Marin
37.904228	-122.554617 Marin
37.90014	-122.52936 Marin
37.905025	-122.5392 Marin
37.912697	-122.521886 Marin
37.905797	-122.559269 Marin
37.905658	-122.558556 Marin
37.906561	-122.555658 Marin
37.906572	-122.557272 Marin
37.904028	-122.551281 Marin
37.903664	-122.551975 Marin
37.903775	-122.555661 Marin
37.917656	-122.553097 Marin
37.903433	-122.536178 Marin
37.9136	-122.522639 Marin
37.91215	-122.551961 Marin
37.905797	-122.559256 Marin
37.906511	-122.540053 Marin
37.913142	-122.554008 Marin
37.903014	-122.546136 Marin
37.907272	-122.549422 Marin
37.900119	-122.525311 Marin
37.902353	-122.549778 Marin
37.908464	-122.553014 Marin
37.907822	-122.549917 Marin
37.907306	-122.549689 Marin
37.911567	-122.552572 Marin
37.907983	-122.550569 Marin
37.908447	-122.553014 Marin
37.902653	-122.553947 Marin
37.906889	-122.549225 Marin
37.912058	-122.556214 Marin
37.906336	-122.561128 Marin
37.904494	-122.556742 Marin
37.904906	-122.557094 Marin
37.910556	-122.557153 Marin
37.905028	-122.539211 Marin
37.897917	-122.540469 Marin
37.911572	-122.552561 Marin

[illegible]

Golf Course - 4th hole

on Bayview Stairs
between 309-315 Magee Ave

midway on stairs

Manhole
Other sewer system structure
Other sewer system structure
Other sewer system structure
Manhole
Manhole
Manhole
Manhole
Other sewer system structure
Manhole
Manhole
Manhole
Other sewer system structure
Other sewer system structure
Manhole
Manhole
Manhole
Manhole
Other (specify)
Manhole
Manhole
Manhole
Manhole
Other sewer system structure
Manhole
Other sewer system structure
Manhole
Manhole
Other (specify)
Manhole
Manhole
Manhole
Manhole
Other sewer system structure
Manhole
Other sewer system structure
Other (specify)
Manhole
Manhole
Other (specify)
Manhole
Other sewer system structure
Manhole
Other sewer system structure
Other (specify)
Manhole
Manhole
Other (specify)
Manhole
Manhole
Manhole
Manhole
Manhole
Other (specify)

FL3
NA4B
G42
Pipe DJ6
LG6
DE7
G14
ZZ1
Clean-out; DIA
UNK101
F9A
DD5
Pipe
Pipe
FD5
DA10
DA9
DA2A
Rod hole
LF11A
SB1
DE5
DE4A
4 clean out
DD1J
FH1
FH3
DB2B
Joint
P10B
S9
HE1
DE5
Pipe between BAT145 & LF14B
HGH5
FO6B - Broken pipe
sewer clean out
V1
FK5
Pipe
G-3, G-2
Clean out
HE5
Clean out
Pipe between manholes FG3 & FG4
DA8
ZZ1
Overflow at clean out
DE12
007A
DD4
FG12
LF11A
CA18
HE7 - Clean out

Unpaved surface
Unpaved surface
Street/curb and gutter
Unpaved surface
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Storm drain
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Storm drain
Unpaved surface
Separate storm drain
Unpaved surface
Separate storm drain
Unpaved surface
Street/curb and gutter;Other (specify below)
Unpaved surface
Separate storm drain;Street/curb and gutter;Unpaved surface
Separate storm drain;Street/curb and gutter;Unpaved surface
Unpaved surface
Unpaved surface
Street/curb and gutter;Unpaved surface
Combined storm drain (combined CS only);Unpaved surface
Surface water;Unpaved surface
Street/curb and gutter
Other (specify below)
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Other (specify below)
Unpaved surface
Separate storm drain;Street/curb and gutter
Other (specify below)
Street/curb and gutter
Unpaved surface
Unpaved surface
Street/curb and gutter;Unpaved surface
Unpaved surface
Street/curb and gutter
Unpaved surface
Separate storm drain
Surface water
Unpaved surface
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Separate storm drain
Unpaved surface
Unpaved surface

Portion captured in storm drain

Captured in storm drain

90 gallons of spill was captured at storm drain inlet and the remaining 10 gallons went through the storm drain and discha

Captured in storm drain

Old Mill Creek

2/24/2010 9:00	2/24/2010 9:05	2/24/2010 9:20	2/24/2010 9:35
4/19/2010 10:40	4/19/2010 10:45	4/19/2010 11:00	4/19/2010 11:20
4/20/2010 13:40	4/20/2010 13:45	4/20/2010 14:15	4/20/2010 14:23
4/26/2010 10:45	4/26/2010 11:10	4/26/2010 12:30	4/26/2010 17:00
6/16/2010 12:00	6/16/2010 12:05	6/16/2010 13:10	6/16/2010 13:30
6/23/2010 8:20	6/23/2010 8:20	6/23/2010 8:35	6/23/2010 9:45
7/19/2010 9:45	7/19/2010 9:50	7/19/2010 10:06	7/19/2010 10:16
7/19/2010 10:23	7/19/2010 10:23	7/19/2010 10:30	7/19/2010 10:50
7/27/2010 11:20	7/27/2010 11:20	7/27/2010 11:40	7/27/2010 11:45
8/14/2010 10:40	8/14/2010 11:35	8/14/2010 11:35	8/14/2010 13:20
9/1/2010 8:09	9/1/2010 8:09	9/1/2010 8:25	9/1/2010 8:37
9/8/2010 10:10	9/8/2010 10:10	9/8/2010 10:22	9/8/2010 10:28
9/23/2010 15:00	9/23/2010 15:00	9/23/2010 15:05	9/23/2010 15:11
9/25/2010 11:30	9/25/2010 11:30	9/25/2010 12:00	9/25/2010 0:00
9/27/2010 9:45	9/27/2010 9:45	9/27/2010 9:55	9/27/2010 10:00
10/1/2010 11:20	10/1/2010 11:22	10/1/2010 11:40	10/1/2010 11:45
10/27/2010 13:20	10/27/2010 13:30	10/27/2010 14:00	10/27/2010 14:05
11/1/2010 11:30	11/1/2010 11:30	11/1/2010 11:45	11/1/2010 11:55
11/28/2010 3:45	11/28/2010 3:45	11/28/2010 5:38	11/28/2010 5:38
11/30/2010 8:50	11/30/2010 8:50	11/30/2010 9:00	11/30/2010 9:10
12/13/2010 7:45	12/13/2010 7:45	12/13/2010 8:30	12/13/2010 9:15
12/19/2010 7:30	12/19/2010 7:30	12/19/2010 8:30	12/19/2010 9:15
1/8/2011 12:20	1/8/2011 12:20	1/8/2011 12:40	1/8/2011 12:55
1/12/2011 11:45	1/12/2011 11:45	1/12/2011 11:45	1/12/2011 12:30
1/19/2011 10:48	1/19/2011 10:48	1/19/2011 10:50	1/29/2011 10:50
2/23/2011 8:45	2/23/2011 8:45	2/23/2011 8:45	2/23/2011 8:55
2/21/2011 8:10	2/21/2011 8:15	2/21/2011 8:30	2/21/2011 9:55
4/5/2011 9:10	4/5/2011 9:10	4/5/2011 9:20	4/5/2011 9:25
4/8/2011 15:30	4/8/2011 16:30	4/8/2011 17:00	4/8/2011 17:30
4/19/2011 8:15	4/19/2011 8:15	4/19/2011 8:30	4/19/2011 8:40
5/29/2011 12:55	5/29/2011 12:55	5/29/2011 13:30	5/29/2011 14:00
9/12/2011 8:15	9/12/2011 8:16	9/12/2011 8:34	9/12/2011 8:39
9/18/2011 17:00	9/18/2011 17:00	9/28/2011 17:56	9/28/2011 17:56
9/26/2011 8:50	9/26/2011 8:51	9/26/2011 9:10	9/26/2011 9:30
10/1/2011 11:45	10/1/2011 11:45	10/1/2011 12:00	10/1/2011 13:00
9/29/2011 9:30	9/29/2011 9:35	9/29/2011 9:40	9/29/2011 21:00
11/11/2011 8:15	11/11/2011 8:15	11/11/2011 8:15	11/11/2011 8:45
1/21/2012 9:25	1/21/2012 9:25	1/21/2012 9:50	1/21/2012 11:50
1/23/2012 7:30	1/23/2012 7:30	1/23/2012 8:00	1/23/2012 8:20
2/28/2012 9:45	2/28/2012 9:45	2/28/2012 10:40	2/28/2012 11:10
3/4/2012 11:00	3/4/2012 11:00	3/4/2012 11:30	3/4/2012 11:30
3/5/2012 16:45	3/5/2012 16:45	3/5/2012 17:00	3/5/2012 17:15
3/15/2012 13:30	3/15/2012 13:30	3/15/2012 13:46	3/15/2012 13:52
3/15/2012 9:10	3/15/2012 9:10	3/15/2012 9:50	3/15/2012 10:05
3/19/2012 8:20	3/19/2012 8:20	3/19/2012 8:57	3/19/2012 9:05
3/23/2012 19:15	3/23/2012 19:15	3/23/2012 19:15	3/23/2012 20:15
4/12/2012 13:30	4/12/2012 13:30	4/12/2012 13:45	4/12/2012 13:55
4/12/2012 12:00	4/12/2012 12:00	4/12/2012 12:20	4/12/2012 12:40
5/30/2012 20:15	5/30/2012 20:15	5/30/2012 21:00	5/31/2012 21:15
7/28/2012 12:00	7/28/2012 12:00	7/28/2012 12:00	7/28/2012 1:00
8/3/2012 8:38	8/3/2012 8:38	8/3/2012 8:45	8/3/2012 9:05
8/20/2012 10:05	8/20/2012 10:05	8/20/2012 10:20	8/20/2012 10:25
8/16/2012 10:30	8/16/2012 10:30	8/16/2012 10:35	8/16/2012 10:40
8/22/2012 9:28	8/22/2012 9:50	8/22/2012 10:00	8/22/2012 10:05
9/10/2012 6:30	9/10/2012 6:35	9/10/2012 7:05	9/10/2012 7:12

Root intrusion
Root intrusion
Other (specify below)
Pipe structural problem/failure
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Grease deposition (FOG)
Root intrusion
Debris-General
Root intrusion
Other (specify below)
Other (specify below)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Grease deposition (FOG)
Other (specify below)
Grease deposition (FOG)
Root intrusion
Root intrusion
Root intrusion
Other (specify below)
Other (specify below)
Root intrusion
Other (specify below)
Other (specify below)
Other (specify below)
Grease deposition (FOG)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Pipe structural problem/failure
Root intrusion
Other (specify below)
Other (specify below)
Root intrusion
Root intrusion
Root intrusion
Grease deposition (FOG)
Other (specify below)
Other (specify below)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Other (specify below)
Other (specify below)
Grease deposition (FOG)

also paper

Grit/gravel

also paper

also paper

Paper

Paper

Paper

paper, grease

Paper

Paper

grit/gravel

Paper

grease and roots

Paper, baby wipes

Paper

Momentary water surge due to sewer cleaning upstream

Dirt

also paper, grit/gravel

Paper; grit/gravel

Clay sewer main joint separated due to slope failure

Paper; Grit/Gravel

baby wipes

Baby wipes

Root intrusion and Paper

Paper

This stoppage was caused by roots being pushed into city main to clear private stoppage.

Paper

also paper

also grit/gravel

Paper

Paper

[illegible]

FL3
NA4B
G42
DJ6
LG6
DE7
G14
ZZ1
DIA
UNK101
F9A
DD5
J2 & J2AA
J2 & J2AA
FD5
DA10
DA9
DA2A
Rod hole
LF11A
SB1
DE5
DE4A
D12, DF1
DD1J
FH1
FH3
DB2B
H19
P10B
S9
HE1
DE5
between BAT145 & LF14B
HGH5
FO6B

V1
FK5
between FG3, FG4
G-3, G-2
UNK101
HE5
G5
between FG3 & FG4
DA8
ZZ1
G26
DE12
007A
DD4
FG12
LF11A
CA18
HE7

6 clay

Repaired separated pipe

Repaired broken pipe

Found broken pipe. Replaced 8' of pipe with new.

9/1/2010 8:37

1/8/2011 12:55
1/12/2011 12:30

4/8/2011 17:30

10/1/2011 12:00
11/11/2011 8:45

4/12/2012 13:55

Adjusted schedule/method of preventive maintenance

Other (specify below)

Other (specify below)

Plan rehabilitation or replacement of sewer

Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program

Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance;Plan rehabilitatic

Cleared blockage
Cleared blockage

Added pipe to list of sewer lines to be CCTVd this summer. Coorective measures and pipe rehabilitation project will be be

No

No
No

No

No
No

No

Creek flowing full at time of spill, minimal trickle visible out of storm drain outlet into creek

No

No
No

Yes

No
No

No

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

None

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

Arroyo Corte Madera del Presidio Creek

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

Old Mill Creek

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

No water quality samples taken

No water quality samples taken
Not applicable to this spill

Biological indicator(s) - specify below

Not applicable to this spill

Not applicable to this spill

No water quality samples taken

fecal coliform; total coliform; enterococuss

None of the above

None of the above
Not applicable to this spill

County Health Agency

Not applicable to this spill

Not applicable to this spill

None of the above

112255

4/8/2011 17:30

